

## 2003-2005 Tucson MSA Occupation Projections

| Standard Occupation Classification (SOC) <sup>1</sup> |  | Employment        |                   | 2 Year Change |             | Average Annual Change |                               |                    |
|---|--|-------------------|-------------------|---------------|-------------|-----------------------|-------------------------------|--------------------|
| SOC Code  | SOC Title  | 2003<br>Estimated | 2005<br>Projected | Number        | Percent     | Growth/<br>Decline    | Sepa-<br>rations <sup>2</sup> | Total <sup>3</sup> |
| 00-0000   | Total, All Occupations   | 366,826           | 380,566           | 13,740        | 3.7%        | 6,870                 | 8,901                         | 15,771             |
| <b>11-0000</b>  | <b>Management Occupations</b>  | <b>21,434</b>     | <b>22,196</b>     | <b>762</b>    | <b>3.6%</b> | <b>381</b>            | <b>360</b>                    | <b>741</b>         |
| 11-1000   | Top Executives   | 5,343             | 5,544             | 201           | 3.8%        | 101                   | 90                            | 191                |
| 11-1011   | Chief Executives   | 1,448             | 1,494             | 46            | 3.2%        | 23                    | 24                            | 47                 |
| 11-1021   | General and Operations Managers  | 3,869             | 4,024             | 155           | 4.0%        | 78                    | 65                            | 143                |
| 11-1031   | Legislators  | 26                | 26                | 0             | 0.0%        | 0                     | 1                             | 1                  |
| 11-2000   | Advertising, Marketing, Promotions, Public Relations, and Sales Managers | 1,776             | 1,862             | 86            | 4.8%        | 43                    | 29                            | 72                 |
| 11-2011   | Advertising and Promotions Managers                                      | 232               | 243               | 11            | 4.7%        | 6                     | 4                             | 10                 |
| 11-2021   | Marketing Managers   | 517               | 532               | 15            | 2.9%        | 8                     | 9                             | 17                 |
| 11-2022   | Sales Managers   | 897               | 952               | 55            | 6.1%        | 28                    | 15                            | 43                 |
| 11-2031   | Public Relations Managers  | 130               | 135               | 5             | 3.8%        | 3                     | 2                             | 5                  |
| 11-3000   | Operations Specialties Managers  | 4,456             | 4,621             | 165           | 3.7%        | 83                    | 66                            | 149                |
| 11-3011   | Administrative Services Managers   | 639               | 672               | 33            | 5.2%        | 17                    | 11                            | 28                 |
| 11-3021   | Computer and Information Systems Managers                                | 874               | 912               | 38            | 4.3%        | 19                    | 14                            | 33                 |
| 11-3031   | Financial Managers   | 1,695             | 1,761             | 66            | 3.9%        | 33                    | 21                            | 54                 |
| 11-3040   | Human Resources Managers   | 522               | 542               | 20            | 3.8%        | 10                    | 7                             | 17                 |
| 11-3051   | Industrial Production Managers   | 301               | 303               | 2             | 0.7%        | 1                     | 5                             | 6                  |
| 11-3061   | Purchasing Managers  | 252               | 254               | 2             | 0.8%        | 1                     | 5                             | 6                  |
| 11-3071   | Transportation, Storage, and Distribution Managers                       | 173               | 177               | 4             | 2.3%        | 2                     | 3                             | 5                  |
| 11-9000   | Other Management Occupations   | 9,859             | 10,169            | 310           | 3.1%        | 155                   | 176                           | 331                |
| 11-9011   | Farm, Ranch, and Other Agricultural Managers                             | 102               | 102               | 0             | 0.0%        | 0                     | 2                             | 2                  |
| 11-9012   | Farmers and Ranchers   | **                | **                | **            | 0.0%        | 0                     | 0                             | 0                  |
| 11-9021   | Construction Managers  | 537               | 557               | 20            | 3.7%        | 10                    | 9                             | 19                 |
| 11-9031   | Education Administrators, Preschool and Child Care Center/Program        | 197               | 211               | 14            | 7.1%        | 7                     | 5                             | 12                 |
| 11-9032   | Education Administrators, Elementary and Secondary School                | 496               | 512               | 16            | 3.2%        | 8                     | 11                            | 19                 |
| 11-9033   | Education Administrators, Postsecondary                                  | 1,361             | 1,389             | 28            | 2.1%        | 14                    | 30                            | 44                 |
| 11-9039   | Education Administrators, All Other                                      | 51                | 54                | 3             | 5.9%        | 2                     | 1                             | 3                  |
| 11-9041   | Engineering Managers   | 1,115             | 1,133             | 18            | 1.6%        | 9                     | 20                            | 29                 |
| 11-9051   | Food Service Managers  | 1,281             | 1,337             | 56            | 4.4%        | 28                    | 20                            | 48                 |
| 11-9061   | Funeral Directors  | 52                | 53                | 1             | 1.9%        | 1                     | 2                             | 3                  |
| 11-9071   | Gaming Managers  | 34                | 33                | -1            | -2.9%       | -1                    | 1                             | 1                  |
| 11-9081   | Lodging Managers   | 235               | 243               | 8             | 3.4%        | 4                     | 4                             | 8                  |
| 11-9111   | Medical and Health Services Managers                                     | 669               | 732               | 63            | 9.4%        | 32                    | 11                            | 43                 |
| 11-9121   | Natural Sciences Managers  | 68                | 69                | 1             | 1.5%        | 1                     | 1                             | 2                  |
| 11-9131   | Postmasters and Mail Superintendents                                     | **                | **                | **            | 0.0%        | 0                     | 0                             | 0                  |
| 11-9141   | Property, Real Estate, and Community Association Managers                | 713               | 751               | 38            | 5.3%        | 19                    | 12                            | 31                 |
| 11-9151   | Social and Community Service Managers                                    | 622               | 661               | 39            | 6.3%        | 20                    | 11                            | 31                 |

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|---|--|----------------|----------------|---------------|-------------|-----------------------|--------------------------|--------------------|
| SOC Code  | SOC Title  | 2003 Estimated | 2005 Projected | Number        | Percent     | Growth/Decline        | Separations <sup>2</sup> | Total <sup>3</sup> |
| 11-9199   | Managers, All Other  | 2,310          | 2,316          | 6             | 0.3%        | 3                     | 40                       | 43                 |
| <b>13-0000</b>  | <b>Business and Financial Operations Occupations</b>   | <b>13,013</b>  | <b>13,519</b>  | <b>506</b>    | <b>3.9%</b> | <b>253</b>            | <b>214</b>               | <b>467</b>         |
| 13-1000   | Business Operations Specialists  | 6,996          | 7,247          | 251           | 3.6%        | 126                   | 117                      | 243                |
| 13-1011   | Agents and Business Managers of Artists, Performers, and                                     | 22             | 24             | 2             | 9.1%        | 1                     | 1                        | 2                  |
| 13-1021   | Purchasing Agents and Buyers, Farm Products  | 66             | 70             | 4             | 6.1%        | 2                     | 3                        | 5                  |
| 13-1022   | Wholesale and Retail Buyers, Except Farm Products  | 420            | 426            | 6             | 1.4%        | 3                     | 11                       | 14                 |
| 13-1023   | Purchasing Agents, Except Wholesale, Retail, and Farm  | 891            | 905            | 14            | 1.6%        | 7                     | 21                       | 28                 |
| 13-1031   | Claims Adjusters, Examiners, and Investigators   | 231            | 246            | 15            | 6.5%        | 8                     | 3                        | 11                 |
| 13-1032   | Insurance Appraisers, Auto Damage  | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 13-1041   | Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation | 225            | 226            | 1             | 0.4%        | 1                     | 5                        | 6                  |
| 13-1051   | Cost Estimators  | 696            | 728            | 32            | 4.6%        | 16                    | 15                       | 31                 |
| 13-1061   | Emergency Management Specialists   | **             | **             | **            | 20.0%       | 1                     | 0                        | 1                  |
| 13-1071   | Employment, Recruitment, and Placement Specialists   | 264            | 275            | 11            | 4.2%        | 6                     | 4                        | 10                 |
| 13-1072   | Compensation, Benefits, and Job Analysis Specialists   | 176            | 182            | 6             | 3.4%        | 3                     | 3                        | 6                  |
| 13-1073   | Training and Development Specialists   | 504            | 526            | 22            | 4.4%        | 11                    | 7                        | 18                 |
| 13-1111   | Management Analysts  | 1,618          | 1,681          | 63            | 3.9%        | 32                    | 19                       | 51                 |
| 13-1121   | Meeting and Convention Planners  | 88             | 93             | 5             | 5.7%        | 3                     | 2                        | 5                  |
| 13-1199   | Business Operations Specialists, All Other   | 1,780          | 1,849          | 69            | 3.9%        | 35                    | 27                       | 62                 |
| 13-2000   | Financial Specialists  | 6,017          | 6,272          | 255           | 4.2%        | 128                   | 98                       | 226                |
| 13-2011   | Accountants and Auditors   | 2,953          | 3,068          | 115           | 3.9%        | 58                    | 52                       | 110                |
| 13-2021   | Appraisers and Assessors of Real Estate  | 368            | 388            | 20            | 5.4%        | 10                    | 7                        | 17                 |
| 13-2031   | Budget Analysts  | 151            | 157            | 6             | 4.0%        | 3                     | 2                        | 5                  |
| 13-2041   | Credit Analysts  | 85             | 89             | 4             | 4.7%        | 2                     | 1                        | 3                  |
| 13-2051   | Financial Analysts   | 545            | 563            | 18            | 3.3%        | 9                     | 7                        | 16                 |
| 13-2052   | Personal Financial Advisors  | 283            | 310            | 27            | 9.5%        | 14                    | 3                        | 17                 |
| 13-2053   | Insurance Underwriters   | 50             | 53             | 3             | 6.0%        | 2                     | 1                        | 3                  |
| 13-2061   | Financial Examiners  | 33             | 33             | 0             | 0.0%        | 0                     | 1                        | 1                  |
| 13-2071   | Loan Counselors  | 123            | 128            | 5             | 4.1%        | 3                     | 2                        | 5                  |
| 13-2072   | Loan Officers  | 620            | 663            | 43            | 6.9%        | 22                    | 9                        | 31                 |
| 13-2081   | Tax Examiners, Collectors, and Revenue Agents  | 112            | 113            | 1             | 0.9%        | 1                     | 3                        | 4                  |
| 13-2082   | Tax Preparers  | 225            | 235            | 10            | 4.4%        | 5                     | 4                        | 9                  |
| 13-2099   | Financial Specialists, All Other   | 469            | 472            | 3             | 0.6%        | 2                     | 8                        | 10                 |
| <b>15-0000</b>  | <b>Computer and Mathematical Occupations</b>   | <b>8,376</b>   | <b>8,624</b>   | <b>248</b>    | <b>3.0%</b> | <b>124</b>            | <b>93</b>                | <b>217</b>         |
| 15-1000   | Computer Specialists   | 8,288          | 8,535          | 247           | 3.0%        | 124                   | 90                       | 214                |
| 15-1011   | Computer and Information Scientists, Research  | 59             | 60             | 1             | 1.7%        | 1                     | 1                        | 2                  |
| 15-1021   | Computer Programmers   | 1,163          | 1,164          | 1             | 0.1%        | 1                     | 26                       | 27                 |
| 15-1031   | Computer Software Engineers, Applications  | 1,740          | 1,787          | 47            | 2.7%        | 24                    | 14                       | 38                 |
| 15-1032   | Computer Software Engineers, Systems Software  | 1,146          | 1,185          | 39            | 3.4%        | 20                    | 9                        | 29                 |

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| SOC Code  | SOC Title  | 2003 Estimated | 2005 Projected | Number        | Percent     | Growth/Decline        | Separations <sup>2</sup> | Total <sup>3</sup> |
| 15-1041   | Computer Support Specialists   | 1,737          | 1,764          | 27            | 1.6%        | 14                    | 19                       | 33                 |
| 15-1051   | Computer Systems Analysts  | 963            | 1,000          | 37            | 3.8%        | 19                    | 9                        | 28                 |
| 15-1061   | Database Administrators  | 163            | 174            | 11            | 6.7%        | 6                     | 2                        | 8                  |
| 15-1071   | Network and Computer Systems Administrators                                | 401            | 422            | 21            | 5.2%        | 11                    | 4                        | 15                 |
| 15-1081   | Network Systems and Data Communications Analysts                           | 377            | 410            | 33            | 8.8%        | 17                    | 4                        | 21                 |
| 15-1099   | Computer Specialists, All Other  | 539            | 569            | 30            | 5.6%        | 15                    | 5                        | 20                 |
| 15-2000   | Mathematical Scientists  | 88             | 89             | 1             | 1.1%        | 1                     | 3                        | 4                  |
| 15-2011   | Actuaries  | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 15-2021   | Mathematicians   | 27             | 27             | 0             | 0.0%        | 0                     | 1                        | 1                  |
| 15-2031   | Operations Research Analysts   | 47             | 48             | 1             | 2.1%        | 1                     | 1                        | 2                  |
| 15-2041   | Statisticians  | **             | **             | **            | 0.0%        | 0                     | 1                        | 1                  |
| 15-2091   | Mathematical Technicians   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 15-2099   | Mathematical Science Occupations, All Other                                | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| <b>17-0000</b>  | <b>Architecture and Engineering Occupations</b>                            | <b>11,196</b>  | <b>11,372</b>  | <b>176</b>    | <b>1.6%</b> | <b>88</b>             | <b>239</b>               | <b>327</b>         |
| 17-1000   | Architects, Surveyors, and Cartographers                                   | 1,373          | 1,449          | 76            | 5.5%        | 38                    | 21                       | 59                 |
| 17-1011   | Architects, Except Landscape and Naval                                     | 340            | 361            | 21            | 6.2%        | 11                    | 4                        | 15                 |
| 17-1012   | Landscape Architects   | 760            | 810            | 50            | 6.6%        | 25                    | 8                        | 33                 |
| 17-1021   | Cartographers and Photogrammetrists  | 25             | 25             | 0             | 0.0%        | 0                     | 1                        | 1                  |
| 17-1022   | Surveyors  | 248            | 253            | 5             | 2.0%        | 3                     | 9                        | 12                 |
| 17-1099   | Architects, Surveyors, and Cartographers, All Other (OES                   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 17-2000   | Engineers  | 7,335          | 7,372          | 37            | 0.5%        | 19                    | 157                      | 176                |
| 17-2011   | Aerospace Engineers  | 1,713          | 1,717          | 4             | 0.2%        | 2                     | 42                       | 44                 |
| 17-2021   | Agricultural Engineers   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 17-2031   | Biomedical Engineers   | 25             | 26             | 1             | 4.0%        | 1                     | 1                        | 2                  |
| 17-2041   | Chemical Engineers   | 38             | 39             | 1             | 2.6%        | 1                     | 1                        | 2                  |
| 17-2051   | Civil Engineers  | 566            | 588            | 22            | 3.9%        | 11                    | 8                        | 19                 |
| 17-2061   | Computer Hardware Engineers  | 250            | 247            | -3            | -1.2%       | -2                    | 4                        | 3                  |
| 17-2071   | Electrical Engineers   | 1,015          | 1,010          | -5            | -0.5%       | -3                    | 19                       | 17                 |
| 17-2072   | Electronics Engineers, Except Computer                                     | 420            | 424            | 4             | 1.0%        | 2                     | 8                        | 10                 |
| 17-2081   | Environmental Engineers  | 97             | 102            | 5             | 5.2%        | 3                     | 2                        | 5                  |
| 17-2111   | Health and Safety Engineers, Except Mining Safety Engineers and Inspectors | 62             | 63             | 1             | 1.6%        | 1                     | 2                        | 3                  |
| 17-2112   | Industrial Engineers   | 606            | 609            | 3             | 0.5%        | 2                     | 14                       | 16                 |
| 17-2121   | Marine Engineers and Naval Architects                                      | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 17-2131   | Materials Engineers  | 26             | 26             | 0             | 0.0%        | 0                     | 1                        | 1                  |
| 17-2141   | Mechanical Engineers   | 1,288          | 1,275          | -13           | -1.0%       | -7                    | 36                       | 30                 |
| 17-2151   | Mining and Geological Engineers, Including Mining Safety                   | 60             | 61             | 1             | 1.7%        | 1                     | 2                        | 3                  |
| 17-2161   | Nuclear Engineers  | **             | **             | **            | 7.1%        | 1                     | 1                        | 2                  |
| 17-2171   | Petroleum Engineers  | **             | **             | **            | 0.0%        | 0                     | 1                        | 1                  |

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| SOC Code  | SOC Title  | 2003 Estimated | 2005 Projected | Number        | Percent     | Growth/Decline        | Separations <sup>2</sup> | Total <sup>3</sup> |
| 17-2199   | Engineers, All Other                                       | 1,128          | 1,143          | 15            | 1.3%        | 8                     | 20                       | 28                 |
| 17-3000   | Drafters, Engineering, and Mapping Technicians             | 2,488          | 2,551          | 63            | 2.5%        | 32                    | 61                       | 93                 |
| 17-3011   | Architectural and Civil Drafters                           | 193            | 200            | 7             | 3.6%        | 4                     | 6                        | 10                 |
| 17-3012   | Electrical and Electronics Drafters                        | 208            | 211            | 3             | 1.4%        | 2                     | 6                        | 8                  |
| 17-3013   | Mechanical Drafters  | 198            | 199            | 1             | 0.5%        | 1                     | 6                        | 7                  |
| 17-3021   | Aerospace Engineering and Operations Technicians           | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 17-3022   | Civil Engineering Technicians                              | 267            | 276            | 9             | 3.4%        | 5                     | 5                        | 10                 |
| 17-3023   | Electrical and Electronic Engineering Technicians          | 681            | 691            | 10            | 1.5%        | 5                     | 13                       | 18                 |
| 17-3024   | Electro-Mechanical Technicians                             | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 17-3025   | Environmental Engineering Technicians                      | 76             | 79             | 3             | 3.9%        | 2                     | 2                        | 4                  |
| 17-3026   | Industrial Engineering Technicians                         | 99             | 100            | 1             | 1.0%        | 1                     | 2                        | 3                  |
| 17-3027   | Mechanical Engineering Technicians                         | 98             | 102            | 4             | 4.1%        | 2                     | 2                        | 4                  |
| 17-3031   | Surveying and Mapping Technicians                          | 324            | 343            | 19            | 5.9%        | 10                    | 13                       | 23                 |
| 17-3099   | Drafters, Engineering, and Mapping Technicians, All Other  | 331            | 337            | 6             | 1.8%        | 3                     | 8                        | 11                 |
| <b>19-0000</b>  | <b>Life, Physical, and Social Science Occupations</b>      | <b>2,770</b>   | <b>2,878</b>   | <b>108</b>    | <b>3.9%</b> | <b>54</b>             | <b>66</b>                | <b>120</b>         |
| 19-1000   | Life Scientists  | 272            | 282            | 10            | 3.7%        | 5                     | 7                        | 12                 |
| 19-1010   | Agricultural and Food Scientists                           | 66             | 68             | 2             | 3.0%        | 1                     | 1                        | 2                  |
| 19-1021   | Biochemists and Biophysicists                              | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 19-1022   | Microbiologists  | 26             | 28             | 2             | 7.7%        | 1                     | 1                        | 2                  |
| 19-1023   | Zoologists and Wildlife Biologists                         | **             | **             | **            | 0.0%        | 0                     | 1                        | 1                  |
| 19-1029   | Biological Scientists, All Other                           | 45             | 46             | 1             | 2.2%        | 1                     | 2                        | 3                  |
| 19-1031   | Conservation Scientists                                    | 35             | 36             | 1             | 2.9%        | 1                     | 1                        | 2                  |
| 19-1032   | Foresters  | **             | **             | **            | 0.0%        | 0                     | 1                        | 1                  |
| 19-1041   | Epidemiologists  | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 19-1042   | Medical Scientists, Except Epidemiologists                 | 43             | 46             | 3             | 7.0%        | 2                     | 1                        | 3                  |
| 19-1099   | Life Scientists, All Other                                 | **             | **             | **            | 3.4%        | 1                     | 1                        | 2                  |
| 19-2000   | Physical Scientists  | 733            | 757            | 24            | 3.3%        | 12                    | 19                       | 31                 |
| 19-2011   | Astronomers  | 62             | 66             | 4             | 6.5%        | 2                     | 2                        | 4                  |
| 19-2012   | Physicists   | 69             | 71             | 2             | 2.9%        | 1                     | 2                        | 3                  |
| 19-2021   | Atmospheric and Space Scientists                           | 54             | 56             | 2             | 3.7%        | 1                     | 3                        | 4                  |
| 19-2031   | Chemists   | 98             | 102            | 4             | 4.1%        | 2                     | 3                        | 5                  |
| 19-2032   | Materials Scientists                                       | 78             | 84             | 6             | 7.7%        | 3                     | 3                        | 6                  |
| 19-2041   | Environmental Scientists and Specialists, Including Health | 85             | 87             | 2             | 2.4%        | 1                     | 2                        | 3                  |
| 19-2042   | Geoscientists, Except Hydrologists and Geographers         | 60             | 63             | 3             | 5.0%        | 2                     | 1                        | 3                  |
| 19-2043   | Hydrologists   | 108            | 111            | 3             | 2.8%        | 2                     | 2                        | 4                  |
| 19-2099   | Physical Scientists, All Other                             | 119            | 117            | -2            | -1.7%       | -1                    | 3                        | 2                  |
| 19-3000   | Social Scientists and Related Workers                      | 1,288          | 1,347          | 59            | 4.6%        | 30                    | 30                       | 60                 |
| 19-3011   | Economists   | 22             | 23             | 1             | 4.5%        | 1                     | 1                        | 2                  |
| 19-3021   | Market Research Analysts                                   | 405            | 421            | 16            | 4.0%        | 8                     | 11                       | 19                 |

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| 19-3022   | Survey Researchers   | 74             | 77             | 3             | 4.1%        | 2                     | 2                        | 4                  |
| 19-3031   | Clinical, Counseling, and School Psychologists                                 | 476            | 506            | 30            | 6.3%        | 15                    | 10                       | 25                 |
| 19-3032   | Industrial-Organizational Psychologists  | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 19-3041   | Sociologists   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 19-3051   | Urban and Regional Planners  | 125            | 128            | 3             | 2.4%        | 2                     | 4                        | 6                  |
| 19-3091   | Anthropologists and Archeologists  | 41             | 43             | 2             | 4.9%        | 1                     | 1                        | 2                  |
| 19-3092   | Geographers  | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 19-3093   | Historians   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 19-3094   | Political Scientists   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 19-3099   | Social Scientists and Related Workers, All Other                               | 126            | 130            | 4             | 3.2%        | 2                     | 3                        | 5                  |
| 19-4000   | Life, Physical, and Social Science Technicians                                 | 477            | 492            | 15            | 3.1%        | 8                     | 11                       | 19                 |
| 19-4011   | Agricultural and Food Science Technicians                                      | **             | **             | **            | 5.9%        | 1                     | 1                        | 2                  |
| 19-4021   | Biological Technicians   | 43             | 45             | 2             | 4.7%        | 1                     | 1                        | 2                  |
| 19-4031   | Chemical Technicians   | 129            | 134            | 5             | 3.9%        | 3                     | 3                        | 6                  |
| 19-4041   | Geological and Petroleum Technicians   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 19-4051   | Nuclear Technicians  | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 19-4091   | Environmental Science and Protection Technicians, Including Health             | 32             | 34             | 2             | 6.3%        | 1                     | 1                        | 2                  |
| 19-4092   | Forensic Science Technicians   | 50             | 52             | 2             | 4.0%        | 1                     | 1                        | 2                  |
| 19-4093   | Forest and Conservation Technicians  | 37             | 37             | 0             | 0.0%        | 0                     | 1                        | 1                  |
| 19-4099   | Life, Physical, and Social Science Technicians, All Other                      | 166            | 169            | 3             | 1.8%        | 2                     | 4                        | 6                  |
| <b>21-0000</b>  | <b>Community and Social Services Occupations</b>                               | <b>5,974</b>   | <b>6,416</b>   | <b>442</b>    | <b>7.4%</b> | <b>221</b>            | <b>103</b>               | <b>324</b>         |
| 21-1000   | Counselors, Social Workers, and Other Community and Social Service Specialists | 5,018          | 5,416          | 398           | 7.9%        | 199                   | 87                       | 286                |
| 21-1011   | Substance Abuse and Behavioral Disorder Counselors                             | 158            | 171            | 13            | 8.2%        | 7                     | 4                        | 11                 |
| 21-1012   | Educational, Vocational, and School Counselors                                 | 1,035          | 1,056          | 21            | 2.0%        | 11                    | 22                       | 33                 |
| 21-1013   | Marriage and Family Therapists   | 82             | 90             | 8             | 9.8%        | 4                     | 2                        | 6                  |
| 21-1014   | Mental Health Counselors   | 263            | 284            | 21            | 8.0%        | 11                    | 6                        | 17                 |
| 21-1015   | Rehabilitation Counselors  | 180            | 196            | 16            | 8.9%        | 8                     | 4                        | 12                 |
| 21-1021   | Child, Family, and School Social Workers                                       | 840            | 905            | 65            | 7.7%        | 33                    | 13                       | 46                 |
| 21-1022   | Medical and Public Health Social Workers                                       | 222            | 246            | 24            | 10.8%       | 12                    | 4                        | 16                 |
| 21-1023   | Mental Health and Substance Abuse Social Workers                               | 207            | 228            | 21            | 10.1%       | 11                    | 3                        | 14                 |
| 21-1091   | Health Educators   | 123            | 131            | 8             | 6.5%        | 4                     | 2                        | 6                  |
| 21-1092   | Probation Officers and Correctional Treatment Specialists                      | 526            | 534            | 8             | 1.5%        | 4                     | 9                        | 13                 |
| 21-1093   | Social and Human Service Assistants  | 1,382          | 1,575          | 193           | 14.0%       | 97                    | 22                       | 119                |
| 21-2000   | Religious Workers  | 580            | 604            | 24            | 4.1%        | 12                    | 10                       | 22                 |
| 21-2011   | Clergy   | 342            | 354            | 12            | 3.5%        | 6                     | 7                        | 13                 |
| 21-2021   | Directors, Religious Activities and Education                                  | **             | **             | **            | 5.0%        | 6                     | 3                        | 9                  |
| 21-9000   | Miscellaneous Counselors, Social, & Religious Workers                          | 376            | 396            | 20            | 5.3%        | 10                    | 7                        | 17                 |



## 2003-2005 Tucson MSA Occupation Projections

| 2003-2005 Tucson MSA Occupation Projections           |  |                |                |               |             |                       |                          |                    |
|---|--|----------------|----------------|---------------|-------------|-----------------------|--------------------------|--------------------|
| Standard Occupation Classification (SOC) <sup>1</sup> |  | Employment     |                | 2 Year Change |             | Average Annual Change |                          |                    |
| SOC Code  | SOC Title  | 2003 Estimated | 2005 Projected | Number        | Percent     | Growth/Decline        | Separations <sup>2</sup> | Total <sup>3</sup> |
| 21-9099   | Counselors, Social, and Religious Workers, All Other (OES)             | 376            | 396            | 20            | 5.3%        | 10                    | 7                        | 17                 |
| <b>23-0000</b>  | <b>Legal Occupations</b>   | <b>3,600</b>   | <b>3,709</b>   | <b>109</b>    | <b>3.0%</b> | <b>55</b>             | <b>36</b>                | <b>91</b>          |
| 23-1000   | Lawyers, Judges, and Related Workers                                   | 1,863          | 1,937          | 74            | 4.0%        | 37                    | 22                       | 59                 |
| 23-1011   | Lawyers  | 1,777          | 1,849          | 72            | 4.1%        | 36                    | 21                       | 57                 |
| 23-1021   | Administrative Law Judges, Adjudicators, and Hearing Officers          | **             | **             | **            | 6.7%        | 1                     | 0                        | 1                  |
| 23-1022   | Arbitrators, Mediators, and Conciliators                               | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 23-1023   | Judges, Magistrate Judges, and Magistrates                             | **             | **             | **            | 1.5%        | 1                     | 1                        | 2                  |
| 23-2000   | Legal Support Workers  | 1,510          | 1,541          | 31            | 2.1%        | 16                    | 13                       | 29                 |
| 23-2011   | Paralegals and Legal Assistants  | 543            | 572            | 29            | 5.3%        | 15                    | 4                        | 19                 |
| 23-2091   | Court Reporters  | 162            | 165            | 3             | 1.9%        | 2                     | 2                        | 4                  |
| 23-2092   | Law Clerks   | 760            | 757            | -3            | -0.4%       | -2                    | 7                        | 6                  |
| 23-2093   | Title Examiners, Abstractors, and Searchers                            | 45             | 47             | 2             | 4.4%        | 1                     | 1                        | 2                  |
| 23-9000   | Miscellaneous Legal & Related Workers                                  | 227            | 231            | 4             | 1.8%        | 2                     | 2                        | 4                  |
| 23-9099   | Legal and Related Workers, All Other (OES Only)                        | 227            | 231            | 4             | 1.8%        | 2                     | 2                        | 4                  |
| <b>25-0000</b>  | <b>Education, Training, and Library Occupations</b>                    | <b>28,102</b>  | <b>29,120</b>  | <b>1,018</b>  | <b>3.6%</b> | <b>509</b>            | <b>541</b>               | <b>1,050</b>       |
| 25-1000   | Postsecondary Teachers   | 9,157          | 9,554          | 397           | 4.3%        | 199                   | 196                      | 395                |
| 25-1011   | Business Teachers, Postsecondary                                       | 349            | 364            | 15            | 4.3%        | 8                     | 8                        | 16                 |
| 25-1021   | Computer Science Teachers, Postsecondary                               | 783            | 816            | 33            | 4.2%        | 17                    | 17                       | 34                 |
| 25-1022   | Mathematical Science Teachers, Postsecondary                           | 1,394          | 1,445          | 51            | 3.7%        | 26                    | 30                       | 56                 |
| 25-1031   | Architecture Teachers, Postsecondary                                   | **             | **             | **            | 16.7%       | 1                     | 0                        | 1                  |
| 25-1032   | Engineering Teachers, Postsecondary                                    | 308            | 320            | 12            | 3.9%        | 6                     | 7                        | 13                 |
| 25-1041   | Agricultural Sciences Teachers, Postsecondary                          | 376            | 389            | 13            | 3.5%        | 7                     | 8                        | 15                 |
| 25-1042   | Biological Science Teachers, Postsecondary                             | 319            | 331            | 12            | 3.8%        | 6                     | 7                        | 13                 |
| 25-1043   | Forestry and Conservation Science Teachers, Postsecondary              | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 25-1051   | Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary | 139            | 144            | 5             | 3.6%        | 3                     | 3                        | 6                  |
| 25-1052   | Chemistry Teachers, Postsecondary                                      | 978            | 1,017          | 39            | 4.0%        | 20                    | 21                       | 41                 |
| 25-1053   | Environmental Science Teachers, Postsecondary                          | 234            | 244            | 10            | 4.3%        | 5                     | 5                        | 10                 |
| 25-1054   | Physics Teachers, Postsecondary  | 332            | 346            | 14            | 4.2%        | 7                     | 7                        | 14                 |
| 25-1061   | Anthropology and Archeology Teachers, Postsecondary                    | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 25-1062   | Area, Ethnic, and Cultural Studies Teachers, Postsecondary             | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 25-1063   | Economics Teachers, Postsecondary                                      | 299            | 311            | 12            | 4.0%        | 6                     | 7                        | 13                 |
| 25-1064   | Geography Teachers, Postsecondary                                      | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 25-1065   | Political Science Teachers, Postsecondary                              | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 25-1066   | Psychology Teachers, Postsecondary                                     | 285            | 298            | 13            | 4.6%        | 7                     | 6                        | 13                 |
| 25-1067   | Sociology Teachers, Postsecondary                                      | **             | **             | **            | 9.1%        | 1                     | 0                        | 1                  |

## 2003-2005 Tucson MSA Occupation Projections

| 2003-2005 Tucson MSA Occupation Projections           |  |                |                |               |         |                       |                          |                    |
|---|--|----------------|----------------|---------------|---------|-----------------------|--------------------------|--------------------|
| Standard Occupation Classification (SOC) <sup>1</sup> |  | Employment     |                | 2 Year Change |         | Average Annual Change |                          |                    |
| SOC Code  | SOC Title  | 2003 Estimated | 2005 Projected | Number        | Percent | Growth/Decline        | Separations <sup>2</sup> | Total <sup>3</sup> |
| 25-1071   | Health Specialties Teachers, Postsecondary                         | 329            | 343            | 14            | 4.3%    | 7                     | 7                        | 14                 |
| 25-1072   | Nursing Instructors and Teachers, Postsecondary                    | 298            | 312            | 14            | 4.7%    | 7                     | 7                        | 14                 |
| 25-1081   | Education Teachers, Postsecondary                                  | **             | **             | **            | 0.0%    | 0                     | 1                        | 1                  |
| 25-1082   | Library Science Teachers, Postsecondary                            | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 25-1111   | Criminal Justice and Law Enforcement Teachers, Postsecondary       | **             | **             | **            | 5.6%    | 1                     | 1                        | 2                  |
| 25-1112   | Law Teachers, Postsecondary  | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 25-1113   | Social Work Teachers, Postsecondary                                | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 25-1121   | Art, Drama, and Music Teachers, Postsecondary                      | 191            | 201            | 10            | 5.2%    | 5                     | 4                        | 9                  |
| 25-1122   | Communications Teachers, Postsecondary                             | **             | **             | **            | 9.1%    | 1                     | 0                        | 1                  |
| 25-1123   | English Language and Literature Teachers, Postsecondary            | 498            | 518            | 20            | 4.0%    | 10                    | 11                       | 21                 |
| 25-1124   | Foreign Language and Literature Teachers, Postsecondary            | 89             | 94             | 5             | 5.6%    | 3                     | 2                        | 5                  |
| 25-1125   | History Teachers, Postsecondary                                    | **             | **             | **            | 0.0%    | 0                     | 1                        | 1                  |
| 25-1126   | Philosophy and Religion Teachers, Postsecondary                    | 74             | 78             | 4             | 5.4%    | 2                     | 2                        | 4                  |
| 25-1191   | Graduate Teaching Assistants                                       | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 25-1192   | Home Economics Teachers, Postsecondary                             | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 25-1193   | Recreation and Fitness Studies Teachers, Postsecondary             | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 25-1194   | Vocational Education Teachers, Postsecondary                       | 431            | 477            | 46            | 10.7%   | 23                    | 9                        | 32                 |
| 25-1199   | Postsecondary Teachers, All Other                                  | 1,363          | 1,414          | 51            | 3.7%    | 26                    | 29                       | 55                 |
| 25-2000   | Primary, Secondary, and Special Education School Teachers          | 11,275         | 11,611         | 336           | 3.0%    | 168                   | 222                      | 390                |
| 25-2011   | Preschool Teachers, Except Special Education                       | 1,125          | 1,234          | 109           | 9.7%    | 55                    | 11                       | 66                 |
| 25-2012   | Kindergarten Teachers, Except Special Education                    | 670            | 698            | 28            | 4.2%    | 14                    | 7                        | 21                 |
| 25-2021   | Elementary School Teachers, Except Special Education               | 4,301          | 4,385          | 84            | 2.0%    | 42                    | 84                       | 126                |
| 25-2022   | Middle School Teachers, Except Special and Vocational Education    | 1,742          | 1,759          | 17            | 1.0%    | 9                     | 34                       | 43                 |
| 25-2023   | Vocational Education Teachers, Middle School                       | 25             | 25             | 0             | 0.0%    | 0                     | 1                        | 1                  |
| 25-2031   | Secondary School Teachers, Except Special and Vocational Education | 2,368          | 2,425          | 57            | 2.4%    | 29                    | 63                       | 92                 |
| 25-2032   | Vocational Education Teachers, Secondary School                    | 223            | 226            | 3             | 1.3%    | 2                     | 6                        | 8                  |
| 25-2041   | Special Education Teachers, Preschool, Kindergarten, and           | 442            | 463            | 21            | 4.8%    | 11                    | 10                       | 21                 |
| 25-2042   | Special Education Teachers, Middle School                          | 97             | 101            | 4             | 4.1%    | 2                     | 2                        | 4                  |
| 25-2043   | Special Education Teachers, Secondary School                       | 282            | 295            | 13            | 4.6%    | 7                     | 6                        | 13                 |
| 25-3000   | Other Teachers and Instructors                                     | 1,889          | 2,030          | 141           | 7.5%    | 71                    | 21                       | 92                 |
| 25-3011   | Adult Literacy, Remedial Education, and GED Teachers and           | 188            | 203            | 15            | 8.0%    | 8                     | 2                        | 10                 |
| 25-3021   | Self-Enrichment Education Teachers                                 | 601            | 667            | 66            | 11.0%   | 33                    | 7                        | 40                 |
| 25-3999   | Teachers, Primary, Secondary, and Adult, All Other (OES Only)      | 1,100          | 1,160          | 60            | 5.5%    | 30                    | 12                       | 42                 |
| 25-4000   | Librarians, Curators, and Archivists                               | 845            | 855            | 10            | 1.2%    | 5                     | 23                       | 28                 |
| 25-4010   | Archivists, Curators, and Museum Technicians                       | 200            | 205            | 5             | 2.5%    | 3                     | 5                        | 8                  |

## 2003-2005 Tucson MSA Occupation Projections

| 2003-2005 Tucson MSA Occupation Projections           |  |                |                |               |             |                       |                          |                    |
|---|--|----------------|----------------|---------------|-------------|-----------------------|--------------------------|--------------------|
| Standard Occupation Classification (SOC) <sup>1</sup> |  | Employment     |                | 2 Year Change |             | Average Annual Change |                          |                    |
| SOC Code  | SOC Title  | 2003 Estimated | 2005 Projected | Number        | Percent     | Growth/Decline        | Separations <sup>2</sup> | Total <sup>3</sup> |
| 25-4021   | Librarians   | 416            | 417            | 1             | 0.2%        | 1                     | 9                        | 10                 |
| 25-4031   | Library Technicians  | 229            | 233            | 4             | 1.7%        | 2                     | 10                       | 12                 |
| 25-9000   | Other Education, Training, and Library Occupations                           | 4,936          | 5,070          | 134           | 2.7%        | 67                    | 80                       | 147                |
| 25-9011   | Audio-Visual Collections Specialists   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 25-9021   | Farm and Home Management Advisors  | 23             | 23             | 0             | 0.0%        | 0                     | 1                        | 1                  |
| 25-9031   | Instructional Coordinators   | 1,441          | 1,478          | 37            | 2.6%        | 19                    | 20                       | 39                 |
| 25-9041   | Teacher Assistants   | 3,446          | 3,543          | 97            | 2.8%        | 49                    | 60                       | 109                |
| 25-9199   | Library, Museum, Training, and Other Education Workers, All Other (OES Only) | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| <b>27-0000</b>  | <b>Arts, Design, Entertainment, Sports, and Media Occupations</b>            | <b>7,689</b>   | <b>7,969</b>   | <b>280</b>    | <b>3.6%</b> | <b>140</b>            | <b>135</b>               | <b>275</b>         |
| 27-1000   | Art and Design Workers   | 2,135          | 2,212          | 77            | 3.6%        | 39                    | 30                       | 69                 |
| 27-1011   | Art Directors  | 125            | 127            | 2             | 1.6%        | 1                     | 3                        | 4                  |
| 27-1013   | Fine Artists, Including Painters, Sculptors, and Illustrators                | 119            | 124            | 5             | 4.2%        | 3                     | 3                        | 6                  |
| 27-1014   | Multi-Media Artists and Animators  | 226            | 230            | 4             | 1.8%        | 2                     | 5                        | 7                  |
| 27-1021   | Commercial and Industrial Designers  | 70             | 72             | 2             | 2.9%        | 1                     | 1                        | 2                  |
| 27-1022   | Fashion Designers  | **             | **             | **            | 20.0%       | 1                     | 0                        | 1                  |
| 27-1023   | Floral Designers   | 301            | 313            | 12            | 4.0%        | 6                     | 4                        | 10                 |
| 27-1024   | Graphic Designers  | 825            | 860            | 35            | 4.2%        | 18                    | 10                       | 28                 |
| 27-1025   | Interior Designers   | 157            | 164            | 7             | 4.5%        | 4                     | 2                        | 6                  |
| 27-1026   | Merchandise Displayers and Window Trimmers                                   | 146            | 151            | 5             | 3.4%        | 3                     | 2                        | 5                  |
| 27-1027   | Set and Exhibit Designers  | 57             | 59             | 2             | 3.5%        | 1                     | 1                        | 2                  |
| 27-1099   | Art and Design Workers, All Other (OES Only)                                 | 104            | 106            | 2             | 1.9%        | 1                     | 2                        | 3                  |
| 27-2000   | Entertainers and Performers, Sports and Related Workers                      | 2,216          | 2,310          | 94            | 4.2%        | 47                    | 46                       | 93                 |
| 27-2011   | Actors   | 48             | 51             | 3             | 6.3%        | 2                     | 1                        | 3                  |
| 27-2012   | Producers and Directors  | 217            | 224            | 7             | 3.2%        | 4                     | 3                        | 7                  |
| 27-2021   | Athletes and Sports Competitors  | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 27-2022   | Coaches and Scouts   | 599            | 614            | 15            | 2.5%        | 8                     | 11                       | 19                 |
| 27-2023   | Umpires, Referees, and Other Sports Officials                                | 25             | 29             | 4             | 16.0%       | 2                     | 1                        | 3                  |
| 27-2031   | Dancers  | **             | **             | **            | 14.3%       | 1                     | 1                        | 2                  |
| 27-2032   | Choreographers   | 111            | 120            | 9             | 8.1%        | 5                     | 8                        | 13                 |
| 27-2041   | Music Directors and Composers  | 366            | 381            | 15            | 4.1%        | 8                     | 7                        | 15                 |
| 27-2042   | Musicians and Singers  | 808            | 846            | 38            | 4.7%        | 19                    | 16                       | 35                 |
| 27-2099   | Entertainers and Performers, Sports and Related Workers, All Other           | 35             | 37             | 2             | 5.7%        | 1                     | 1                        | 2                  |
| 27-3000   | Media and Communication Workers  | 2,424          | 2,519          | 95            | 3.9%        | 48                    | 42                       | 90                 |
| 27-3010   | Announcers   | 265            | 265            | 0             | 0.0%        | 0                     | 7                        | 7                  |
| 27-3020   | News Analysts, Reporters and Correspondents                                  | 237            | 246            | 9             | 3.8%        | 5                     | 6                        | 11                 |
| 27-3031   | Public Relations Specialists   | 435            | 458            | 23            | 5.3%        | 12                    | 6                        | 18                 |



## 2003-2005 Tucson MSA Occupation Projections

| Standard Occupation Classification (SOC) <sup>1</sup> |   | Employment     |                | 2 Year Change |             | Average Annual Change |                            |                    |
|---|---|----------------|----------------|---------------|-------------|-----------------------|----------------------------|--------------------|
| SOC Code  | SOC Title   | 2003 Estimated | 2005 Projected | Number        | Percent     | Growth/ Decline       | Sepa- rations <sup>2</sup> | Total <sup>3</sup> |
| 27-3041   | Editors   | 328            | 338            | 10            | 3.0%        | 5                     | 8                          | 13                 |
| 27-3042   | Technical Writers   | 131            | 135            | 4             | 3.1%        | 2                     | 4                          | 6                  |
| 27-3043   | Writers and Authors                                       | 174            | 180            | 6             | 3.4%        | 3                     | 3                          | 6                  |
| 27-3091   | Interpreters and Translators                              | 564            | 592            | 28            | 5.0%        | 14                    | 7                          | 21                 |
| 27-3099   | Media and Communication Workers, All Other                | 290            | 305            | 15            | 5.2%        | 8                     | 3                          | 11                 |
| 27-4000   | Media and Communication Equipment Workers                 | 914            | 928            | 14            | 1.5%        | 7                     | 18                         | 25                 |
| 27-4011   | Audio and Video Equipment Technicians                     | 76             | 78             | 2             | 2.6%        | 1                     | 2                          | 3                  |
| 27-4012   | Broadcast Technicians                                     | 130            | 133            | 3             | 2.3%        | 2                     | 3                          | 5                  |
| 27-4013   | Radio Operators   | **             | **             | **            | 0.0%        | 0                     | 0                          | 0                  |
| 27-4014   | Sound Engineering Technicians                             | 126            | 132            | 6             | 4.8%        | 3                     | 3                          | 6                  |
| 27-4021   | Photographers   | 456            | 456            | 0             | 0.0%        | 0                     | 8                          | 8                  |
| 27-4031   | Camera Operators, Television, Video, and Motion Picture   | 61             | 62             | 1             | 1.6%        | 1                     | 1                          | 2                  |
| 27-4032   | Film and Video Editors                                    | 39             | 40             | 1             | 2.6%        | 1                     | 1                          | 2                  |
| 27-4099   | Media and Communication Equipment Workers, All Other      | 26             | 27             | 1             | 3.8%        | 1                     | 1                          | 2                  |
| <b>29-0000</b>  | <b>Healthcare Practitioners and Technical Occupations</b> | <b>20,277</b>  | <b>21,917</b>  | <b>1,640</b>  | <b>8.1%</b> | <b>820</b>            | <b>349</b>                 | <b>1,169</b>       |
| 29-1000   | Health Diagnosing and Treating Practitioners              | 11,885         | 12,866         | 981           | 8.3%        | 491                   | 210                        | 701                |
| 29-1011   | Chiropractors   | 85             | 90             | 5             | 5.9%        | 3                     | 2                          | 5                  |
| 29-1020   | Dentists  | 433            | 456            | 23            | 5.3%        | 12                    | 7                          | 19                 |
| 29-1031   | Dietitians and Nutritionists                              | 194            | 206            | 12            | 6.2%        | 6                     | 5                          | 11                 |
| 29-1041   | Optometrists  | 189            | 193            | 4             | 2.1%        | 2                     | 6                          | 8                  |
| 29-1051   | Pharmacists   | 554            | 597            | 43            | 7.8%        | 22                    | 10                         | 32                 |
| 29-1061   | Anesthesiologists   | 151            | 162            | 11            | 7.3%        | 6                     | 2                          | 8                  |
| 29-1062   | Family and General Practitioners                          | 818            | 875            | 57            | 7.0%        | 29                    | 10                         | 39                 |
| 29-1063   | Internists, General                                       | 70             | 75             | 5             | 7.1%        | 3                     | 1                          | 4                  |
| 29-1064   | Obstetricians and Gynecologists                           | 162            | 174            | 12            | 7.4%        | 6                     | 2                          | 8                  |
| 29-1065   | Pediatricians, General                                    | 190            | 203            | 13            | 6.8%        | 7                     | 2                          | 9                  |
| 29-1066   | Psychiatrists   | 129            | 138            | 9             | 7.0%        | 5                     | 2                          | 7                  |
| 29-1067   | Surgeons  | 137            | 147            | 10            | 7.3%        | 5                     | 2                          | 7                  |
| 29-1069   | Physicians and Surgeons, All Other                        | 243            | 254            | 11            | 4.5%        | 6                     | 3                          | 9                  |
| 29-1071   | Physician Assistants                                      | 138            | 158            | 20            | 14.5%       | 10                    | 2                          | 12                 |
| 29-1081   | Podiatrists   | 48             | 52             | 4             | 8.3%        | 2                     | 1                          | 3                  |
| 29-1111   | Registered Nurses   | 6,523          | 7,132          | 609           | 9.3%        | 305                   | 121                        | 426                |
| 29-1121   | Audiologists  | 117            | 124            | 7             | 6.0%        | 4                     | 3                          | 7                  |
| 29-1122   | Occupational Therapists                                   | 135            | 148            | 13            | 9.6%        | 7                     | 2                          | 9                  |
| 29-1123   | Physical Therapists                                       | 401            | 439            | 38            | 9.5%        | 19                    | 3                          | 22                 |
| 29-1124   | Radiation Therapists                                      | 36             | 40             | 4             | 11.1%       | 2                     | 1                          | 3                  |
| 29-1125   | Recreational Therapists                                   | 39             | 41             | 2             | 5.1%        | 1                     | 1                          | 2                  |
| 29-1126   | Respiratory Therapists                                    | 324            | 360            | 36            | 11.1%       | 18                    | 10                         | 28                 |
| 29-1127   | Speech-Language Pathologists                              | 270            | 282            | 12            | 4.4%        | 6                     | 7                          | 13                 |

## 2003-2005 Tucson MSA Occupation Projections

| Standard Occupation Classification (SOC) <sup>1</sup> |  | Employment     |                | 2 Year Change |             | Average Annual Change |                          |                    |
|---|--|----------------|----------------|---------------|-------------|-----------------------|--------------------------|--------------------|
| SOC Code  | SOC Title  | 2003 Estimated | 2005 Projected | Number        | Percent     | Growth/Decline        | Separations <sup>2</sup> | Total <sup>3</sup> |
| 29-1131   | Veterinarians  | 286            | 291            | 5             | 1.7%        | 3                     | 7                        | 10                 |
| 29-1199   | Health Diagnosing and Treating Practitioners, All Other    | 213            | 229            | 16            | 7.5%        | 8                     | 4                        | 12                 |
| 29-2000   | Health Technologists and Technicians                       | 8,151          | 8,804          | 653           | 8.0%        | 327                   | 135                      | 462                |
| 29-2011   | Medical and Clinical Laboratory Technologists              | 384            | 413            | 29            | 7.6%        | 15                    | 10                       | 25                 |
| 29-2012   | Medical and Clinical Laboratory Technicians                | 749            | 806            | 57            | 7.6%        | 29                    | 20                       | 49                 |
| 29-2021   | Dental Hygienists  | 300            | 335            | 35            | 11.7%       | 18                    | 2                        | 20                 |
| 29-2031   | Cardiovascular Technologists and Technicians               | 91             | 100            | 9             | 9.9%        | 5                     | 2                        | 7                  |
| 29-2032   | Diagnostic Medical Sonographers                            | 100            | 110            | 10            | 10.0%       | 5                     | 2                        | 7                  |
| 29-2033   | Nuclear Medicine Technologists                             | 42             | 46             | 4             | 9.5%        | 2                     | 1                        | 3                  |
| 29-2034   | Radiologic Technologists and Technicians                   | 805            | 872            | 67            | 8.3%        | 34                    | 14                       | 48                 |
| 29-2041   | Emergency Medical Technicians and Paramedics               | 425            | 456            | 31            | 7.3%        | 16                    | 4                        | 20                 |
| 29-2051   | Dietetic Technicians                                       | 194            | 210            | 16            | 8.2%        | 8                     | 3                        | 11                 |
| 29-2052   | Pharmacy Technicians                                       | 683            | 740            | 57            | 8.3%        | 29                    | 8                        | 37                 |
| 29-2053   | Psychiatric Technicians                                    | 172            | 189            | 17            | 9.9%        | 9                     | 2                        | 11                 |
| 29-2054   | Respiratory Therapy Technicians                            | 124            | 139            | 15            | 12.1%       | 8                     | 2                        | 10                 |
| 29-2055   | Surgical Technologists                                     | 455            | 505            | 50            | 11.0%       | 25                    | 6                        | 31                 |
| 29-2056   | Veterinary Technologists and Technicians                   | 275            | 284            | 9             | 3.3%        | 5                     | 3                        | 8                  |
| 29-2061   | Licensed Practical and Licensed Vocational Nurses          | 2,226          | 2,364          | 138           | 6.2%        | 69                    | 45                       | 114                |
| 29-2071   | Medical Records and Health Information Technicians         | 865            | 964            | 99            | 11.4%       | 50                    | 11                       | 61                 |
| 29-2081   | Opticians, Dispensing                                      | 258            | 268            | 10            | 3.9%        | 5                     | 4                        | 9                  |
| 29-2091   | Orthotists and Prosthetists                                | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 29-9000   | Other Healthcare Practitioners and Technical Occupations   | 106            | 108            | 2             | 1.9%        | 1                     | 2                        | 3                  |
| 29-9010   | Occupational Health and Safety Specialists and Technicians | 73             | 74             | 1             | 1.4%        | 1                     | 2                        | 3                  |
| 29-9091   | Athletic Trainers  | 33             | 34             | 1             | 3.0%        | 1                     | 1                        | 2                  |
| 29-9100   | Other Health Practitioners And Technical Workers           | 135            | 139            | 4             | 3.0%        | 2                     | 2                        | 4                  |
| 29-9199   | Health Professionals and Technicians, All Other (OES Only) | 135            | 139            | 4             | 3.0%        | 2                     | 2                        | 4                  |
| <b>31-0000</b>  | <b>Healthcare Support Occupations</b>                      | <b>11,645</b>  | <b>12,743</b>  | <b>1,098</b>  | <b>9.4%</b> | <b>549</b>            | <b>180</b>               | <b>729</b>         |
| 31-1000   | Nursing, Psychiatric, and Home Health Aides                | 6,003          | 6,536          | 533           | 8.9%        | 267                   | 72                       | 339                |
| 31-1011   | Home Health Aides  | 1,761          | 1,943          | 182           | 10.3%       | 91                    | 21                       | 112                |
| 31-1012   | Nursing Aides, Orderlies, and Attendants                   | 4,132          | 4,472          | 340           | 8.2%        | 170                   | 49                       | 219                |
| 31-1013   | Psychiatric Aides  | 110            | 121            | 11            | 10.0%       | 6                     | 2                        | 8                  |
| 31-2000   | Occupational and Physical Therapist Assistants and Aides   | 514            | 575            | 61            | 11.9%       | 31                    | 8                        | 39                 |
| 31-2011   | Occupational Therapist Assistants                          | 61             | 68             | 7             | 11.5%       | 4                     | 1                        | 5                  |
| 31-2012   | Occupational Therapist Aides                               | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 31-2021   | Physical Therapist Assistants                              | 207            | 230            | 23            | 11.1%       | 12                    | 4                        | 16                 |
| 31-2022   | Physical Therapist Aides                                   | 243            | 274            | 31            | 12.8%       | 16                    | 4                        | 20                 |
| 31-9000   | Other Healthcare Support Occupations                       | 5,128          | 5,632          | 504           | 9.8%        | 252                   | 100                      | 352                |
| 31-9011   | Massage Therapists   | 397            | 422            | 25            | 6.3%        | 13                    | 9                        | 22                 |

## 2003-2005 Tucson MSA Occupation Projections

| 2003-2005 Tucson MSA Occupation Projections           |   |                |                |               |             |                       |                          |                    |
|---|---|----------------|----------------|---------------|-------------|-----------------------|--------------------------|--------------------|
| Standard Occupation Classification (SOC) <sup>1</sup> |   | Employment     |                | 2 Year Change |             | Average Annual Change |                          |                    |
| SOC Code  | SOC Title   | 2003 Estimated | 2005 Projected | Number        | Percent     | Growth/Decline        | Separations <sup>2</sup> | Total <sup>3</sup> |
| 31-9091   | Dental Assistants   | 797            | 891            | 94            | 11.8%       | 47                    | 21                       | 68                 |
| 31-9092   | Medical Assistants  | 2,550          | 2,852          | 302           | 11.8%       | 151                   | 46                       | 197                |
| 31-9093   | Medical Equipment Preparers   | 225            | 243            | 18            | 8.0%        | 9                     | 4                        | 13                 |
| 31-9094   | Medical Transcriptionists   | 323            | 345            | 22            | 6.8%        | 11                    | 6                        | 17                 |
| 31-9095   | Pharmacy Aides  | 264            | 276            | 12            | 4.5%        | 6                     | 5                        | 11                 |
| 31-9096   | Veterinary Assistants and Laboratory Animal Caretakers                  | 296            | 304            | 8             | 2.7%        | 4                     | 6                        | 10                 |
| 31-9099   | Healthcare Support Workers, All Other                                   | 276            | 299            | 23            | 8.3%        | 12                    | 5                        | 17                 |
| <b>33-0000</b>  | <b>Protective Service Occupations</b>                                   | <b>8,235</b>   | <b>8,505</b>   | <b>270</b>    | <b>3.3%</b> | <b>135</b>            | <b>259</b>               | <b>394</b>         |
| 33-1000   | First-Line Supervisors/Managers, Protective Service Workers             | 490            | 501            | 11            | 2.2%        | 6                     | 14                       | 20                 |
| 33-1011   | First-Line Supervisors/Managers of Correctional Officers                | 80             | 82             | 2             | 2.5%        | 1                     | 2                        | 3                  |
| 33-1012   | First-Line Supervisors/Managers of Police and Detectives                | 194            | 198            | 4             | 2.1%        | 2                     | 6                        | 8                  |
| 33-1021   | First-Line Supervisors/Managers of Fire Fighting and Prevention Workers | 87             | 89             | 2             | 2.3%        | 1                     | 4                        | 5                  |
| 33-1099   | First-Line Supervisors/Managers, Protective Service Workers, All Other  | 129            | 132            | 3             | 2.3%        | 2                     | 3                        | 5                  |
| 33-2000   | Fire Fighting and Prevention Workers                                    | 1,022          | 1,057          | 35            | 3.4%        | 18                    | 27                       | 45                 |
| 33-2011   | Fire Fighters   | 979            | 1,013          | 34            | 3.5%        | 17                    | 26                       | 43                 |
| 33-2021   | Fire Inspectors and Investigators                                       | 43             | 44             | 1             | 2.3%        | 1                     | 1                        | 2                  |
| 33-2022   | Forest Fire Inspectors and Prevention Specialists                       | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 33-3000   | Law Enforcement Workers   | 2,704          | 2,807          | 103           | 3.8%        | 52                    | 63                       | 115                |
| 33-3011   | Bailiffs  | **             | **             | **            | 3.3%        | 1                     | 1                        | 2                  |
| 33-3012   | Correctional Officers and Jailers                                       | 555            | 571            | 16            | 2.9%        | 8                     | 11                       | 19                 |
| 33-3021   | Detectives and Criminal Investigators                                   | 307            | 319            | 12            | 3.9%        | 6                     | 8                        | 14                 |
| 33-3031   | Fish and Game Wardens   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 33-3041   | Parking Enforcement Workers   | **             | **             | **            | 1.9%        | 1                     | 1                        | 2                  |
| 33-3051   | Police and Sheriff's Patrol Officers                                    | 1,756          | 1,829          | 73            | 4.2%        | 37                    | 43                       | 80                 |
| 33-3052   | Transit and Railroad Police   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 33-9000   | Other Protective Service Workers  | 4,019          | 4,140          | 121           | 3.0%        | 61                    | 155                      | 216                |
| 33-9011   | Animal Control Workers  | 43             | 43             | 0             | 0.0%        | 0                     | 5                        | 5                  |
| 33-9021   | Private Detectives and Investigators                                    | 153            | 162            | 9             | 5.9%        | 5                     | 3                        | 8                  |
| 33-9031   | Gaming Surveillance Officers and Gaming Investigators                   | 128            | 129            | 1             | 0.8%        | 1                     | 3                        | 4                  |
| 33-9032   | Security Guards   | 2,843          | 2,936          | 93            | 3.3%        | 47                    | 66                       | 113                |
| 33-9091   | Crossing Guards   | 173            | 177            | 4             | 2.3%        | 2                     | 6                        | 8                  |
| 33-9099   | Protective Service Workers, All Other                                   | 679            | 693            | 14            | 2.1%        | 7                     | 73                       | 80                 |
| <b>35-0000</b>  | <b>Food Preparation and Serving Related Occupations</b>                 | <b>31,122</b>  | <b>32,683</b>  | <b>1,561</b>  | <b>5.0%</b> | <b>781</b>            | <b>1,538</b>             | <b>2,319</b>       |
| 35-1000   | Supervisors, Food Preparation and Serving Workers                       | 2,283          | 2,392          | 109           | 4.8%        | 55                    | 61                       | 116                |
| 35-1011   | Chefs and Head Cooks  | 159            | 166            | 7             | 4.4%        | 4                     | 6                        | 10                 |
| 35-1012   | First-Line Supervisors/Managers of Food Preparation and Serving Workers | 2,124          | 2,226          | 102           | 4.8%        | 51                    | 55                       | 106                |

## 2003-2005 Tucson MSA Occupation Projections

| 2003-2005 Tucson MSA Occupation Projections           |   |                |                |               |             |                       |                          |                    |
|---|---|----------------|----------------|---------------|-------------|-----------------------|--------------------------|--------------------|
| Standard Occupation Classification (SOC) <sup>1</sup> |   | Employment     |                | 2 Year Change |             | Average Annual Change |                          |                    |
| SOC Code  | SOC Title   | 2003 Estimated | 2005 Projected | Number        | Percent     | Growth/Decline        | Separations <sup>2</sup> | Total <sup>3</sup> |
| 35-2000   | Cooks and Food Preparation Workers  | 8,387          | 8,736          | 349           | 4.2%        | 175                   | 348                      | 523                |
| 35-2011   | Cooks, Fast Food  | 2,322          | 2,399          | 77            | 3.3%        | 39                    | 92                       | 131                |
| 35-2012   | Cooks, Institution and Cafeteria  | 1,120          | 1,142          | 22            | 2.0%        | 11                    | 45                       | 56                 |
| 35-2013   | Cooks, Private Household  | **             | **             | **            | 0.0%        | 0                     | 1                        | 1                  |
| 35-2014   | Cooks, Restaurant   | 2,011          | 2,121          | 110           | 5.5%        | 55                    | 80                       | 135                |
| 35-2015   | Cooks, Short Order  | 337            | 358            | 21            | 6.2%        | 11                    | 14                       | 25                 |
| 35-2021   | Food Preparation Workers  | 2,589          | 2,708          | 119           | 4.6%        | 60                    | 118                      | 178                |
| 35-3000   | Food and Beverage Serving Workers   | 16,101         | 17,017         | 916           | 5.7%        | 458                   | 938                      | 1,396              |
| 35-3011   | Bartenders  | 1,175          | 1,218          | 43            | 3.7%        | 22                    | 46                       | 68                 |
| 35-3021   | Combined Food Preparation and Serving Workers, Including Fast Food          | 6,031          | 6,420          | 389           | 6.5%        | 195                   | 329                      | 524                |
| 35-3022   | Counter Attendants, Cafeteria, Food Concession, and Coffee Shop             | 1,127          | 1,178          | 51            | 4.5%        | 26                    | 119                      | 145                |
| 35-3031   | Waiters and Waitresses  | 7,211          | 7,622          | 411           | 5.7%        | 206                   | 421                      | 627                |
| 35-3041   | Food Servers, Nonrestaurant   | 557            | 579            | 22            | 3.9%        | 11                    | 25                       | 36                 |
| 35-9000   | Other Food Preparation and Serving Related Workers                          | 4,351          | 4,538          | 187           | 4.3%        | 94                    | 191                      | 285                |
| 35-9011   | Dining Room and Cafeteria Attendants and Bartender Helpers                  | 1,389          | 1,455          | 66            | 4.8%        | 33                    | 63                       | 96                 |
| 35-9021   | Dishwashers   | 1,738          | 1,792          | 54            | 3.1%        | 27                    | 83                       | 110                |
| 35-9031   | Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop                    | 1,169          | 1,232          | 63            | 5.4%        | 32                    | 44                       | 76                 |
| 35-9099   | Food Preparation and Serving Related Workers, All Other                     | 55             | 59             | 4             | 7.3%        | 2                     | 2                        | 4                  |
| <b>37-0000</b>  | <b>Building and Grounds Cleaning and Maintenance Occupations</b>            | <b>15,477</b>  | <b>16,170</b>  | <b>693</b>    | <b>4.5%</b> | <b>347</b>            | <b>306</b>               | <b>653</b>         |
| 37-1000   | Supervisors, Building and Grounds Cleaning and Maintenance Workers          | 1,261          | 1,316          | 55            | 4.4%        | 28                    | 19                       | 47                 |
| 37-1011   | First-Line Supervisors/Managers of Housekeeping and Janitorial Workers      | 586            | 612            | 26            | 4.4%        | 13                    | 13                       | 26                 |
| 37-1012   | First-Line Supervisors/Managers of Landscaping, Lawn                        | 675            | 704            | 29            | 4.3%        | 15                    | 6                        | 21                 |
| 37-2000   | Building Cleaning and Pest Control Workers                                  | 9,272          | 9,683          | 411           | 4.4%        | 206                   | 180                      | 386                |
| 37-2011   | Janitors and Cleaners, Except Maids and Housekeeping Cleaners               | 4,323          | 4,473          | 150           | 3.5%        | 75                    | 82                       | 157                |
| 37-2012   | Maids and Housekeeping Cleaners   | 4,496          | 4,742          | 246           | 5.5%        | 123                   | 93                       | 216                |
| 37-2021   | Pest Control Workers  | 453            | 468            | 15            | 3.3%        | 8                     | 6                        | 14                 |
| 37-3000   | Grounds Maintenance Workers   | 4,944          | 5,171          | 227           | 4.6%        | 114                   | 108                      | 222                |
| 37-3011   | Landscaping and Groundskeeping Workers                                      | 4,835          | 5,058          | 223           | 4.6%        | 112                   | 106                      | 218                |
| 37-3012   | Pesticide Handlers, Sprayers, and Applicators, Vegetation                   | 51             | 52             | 1             | 2.0%        | 1                     | 1                        | 2                  |
| 37-3013   | Tree Trimmers and Pruners   | **             | **             | **            | 9.1%        | 1                     | 0                        | 1                  |
| 37-9099   | Building and Grounds Cleaning and Maintenance Workers, All Other (OES Only) | 47             | 49             | 2             | 4.3%        | 1                     | 1                        | 2                  |
| <b>39-0000</b>  | <b>Personal Care and Service Occupations</b>                                | <b>11,533</b>  | <b>12,038</b>  | <b>505</b>    | <b>4.4%</b> | <b>253</b>            | <b>289</b>               | <b>542</b>         |

## 2003-2005 Tucson MSA Occupation Projections

| 2003-2005 Tucson MSA Occupation Projections           |   |                |                |               |         |                       |                          |                    |
|---|---|----------------|----------------|---------------|---------|-----------------------|--------------------------|--------------------|
| Standard Occupation Classification (SOC) <sup>1</sup> |   | Employment     |                | 2 Year Change |         | Average Annual Change |                          |                    |
| SOC Code  | SOC Title   | 2003 Estimated | 2005 Projected | Number        | Percent | Growth/Decline        | Separations <sup>2</sup> | Total <sup>3</sup> |
| 39-1000   | Supervisors, Personal Care and Service Workers                          | 876            | 890            | 14            | 1.6%    | 7                     | 20                       | 27                 |
| 39-1011   | Gaming Supervisors  | 158            | 158            | 0             | 0.0%    | 0                     | 3                        | 3                  |
| 39-1012   | Slot Key Persons  | 209            | 208            | -1            | -0.5%   | -1                    | 4                        | 4                  |
| 39-1021   | First-Line Supervisors/Managers of Personal Service Workers             | 509            | 524            | 15            | 2.9%    | 8                     | 13                       | 21                 |
| 39-2000   | Animal Care and Service Workers   | 316            | 327            | 11            | 3.5%    | 6                     | 8                        | 14                 |
| 39-2011   | Animal Trainers   | **             | **             | **            | -6.3%   | -1                    | 1                        | 1                  |
| 39-2021   | Nonfarm Animal Caretakers   | 300            | 312            | 12            | 4.0%    | 6                     | 7                        | 13                 |
| 39-3000   | Entertainment Attendants and Related Workers                            | 1,015          | 1,049          | 34            | 3.3%    | 17                    | 49                       | 66                 |
| 39-3011   | Gaming Dealers  | 92             | 92             | 0             | 0.0%    | 0                     | 4                        | 4                  |
| 39-3012   | Gaming and Sports Book Writers and Runners                              | 73             | 77             | 4             | 5.5%    | 2                     | 3                        | 5                  |
| 39-3021   | Motion Picture Projectionists   | 36             | 35             | -1            | -2.8%   | -1                    | 2                        | 2                  |
| 39-3031   | Ushers, Lobby Attendants, and Ticket Takers                             | 219            | 224            | 5             | 2.3%    | 3                     | 19                       | 22                 |
| 39-3091   | Amusement and Recreation Attendants                                     | 418            | 439            | 21            | 5.0%    | 11                    | 15                       | 26                 |
| 39-3092   | Costume Attendants  | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 39-3093   | Locker Room, Coatroom, and Dressing Room Attendants                     | 80             | 84             | 4             | 5.0%    | 2                     | 3                        | 5                  |
| 39-3199   | Gaming Workers, All Other (OES Only)                                    | 97             | 98             | 1             | 1.0%    | 1                     | 4                        | 5                  |
| 39-4000   | Funeral Service Workers   | **             | **             | **            | 3.0%    | 1                     | 1                        | 2                  |
| 39-4011   | Embalmers   | **             | **             | **            | 0.0%    | 0                     | 1                        | 1                  |
| 39-4021   | Funeral Attendants  | **             | **             | **            | 6.3%    | 1                     | 1                        | 2                  |
| 39-5000   | Personal Appearance Workers   | 1,688          | 1,724          | 36            | 2.1%    | 18                    | 31                       | 49                 |
| 39-5011   | Barbers   | 64             | 64             | 0             | 0.0%    | 0                     | 2                        | 2                  |
| 39-5012   | Hairdressers, Hairstylists, and Cosmetologists                          | 1,270          | 1,292          | 22            | 1.7%    | 11                    | 23                       | 34                 |
| 39-5092   | Manicurists and Pedicurists   | 198            | 206            | 8             | 4.0%    | 4                     | 4                        | 8                  |
| 39-5093   | Shampooers  | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 39-5094   | Skin Care Specialists   | 143            | 149            | 6             | 4.2%    | 3                     | 3                        | 6                  |
| 39-6000   | Transportation, Tourism, and Lodging Attendants                         | 333            | 356            | 23            | 6.9%    | 12                    | 10                       | 22                 |
| 39-6011   | Baggage Porters and Bellhops  | 149            | 157            | 8             | 5.4%    | 4                     | 5                        | 9                  |
| 39-6012   | Concierges  | 70             | 75             | 5             | 7.1%    | 3                     | 2                        | 5                  |
| 39-6021   | Tour Guides and Escorts   | 54             | 59             | 5             | 9.3%    | 3                     | 2                        | 5                  |
| 39-6022   | Travel Guides   | 52             | 55             | 3             | 5.8%    | 2                     | 2                        | 4                  |
| 39-6031   | Flight Attendants   | **             | **             | **            | 33.3%   | 1                     | 0                        | 1                  |
| 39-6032   | Transportation Attendants, Except Flight Attendants and Baggage Porters | **             | **             | **            | 20.0%   | 1                     | 0                        | 1                  |
| 39-9000   | Other Personal Care and Service Workers                                 | 7,272          | 7,658          | 386           | 5.3%    | 193                   | 171                      | 364                |
| 39-9011   | Child Care Workers  | 2,802          | 2,949          | 147           | 5.2%    | 74                    | 82                       | 156                |
| 39-9021   | Personal and Home Care Aides  | 1,545          | 1,656          | 111           | 7.2%    | 56                    | 24                       | 80                 |
| 39-9031   | Fitness Trainers and Aerobics Instructors                               | 665            | 727            | 62            | 9.3%    | 31                    | 15                       | 46                 |
| 39-9032   | Recreation Workers  | 1,279          | 1,325          | 46            | 3.6%    | 23                    | 29                       | 52                 |



## 2003-2005 Tucson MSA Occupation Projections

| Standard Occupation Classification (SOC) <sup>1</sup> |  |                |                |               |             |                       |                          |                    |
|---|--|----------------|----------------|---------------|-------------|-----------------------|--------------------------|--------------------|
|   |  | Employment     |                | 2 Year Change |             | Average Annual Change |                          |                    |
| SOC Code  | SOC Title  | 2003 Estimated | 2005 Projected | Number        | Percent     | Growth/Decline        | Separations <sup>2</sup> | Total <sup>3</sup> |
| 39-9041   | Residential Advisors   | 108            | 110            | 2             | 1.9%        | 1                     | 2                        | 3                  |
| 39-9099   | Personal Care and Service Workers, All Other   | 873            | 891            | 18            | 2.1%        | 9                     | 21                       | 30                 |
| <b>41-0000</b>  | <b>Sales and Related Occupations</b>   | <b>35,837</b>  | <b>36,980</b>  | <b>1,143</b>  | <b>3.2%</b> | <b>572</b>            | <b>1,343</b>             | <b>1,915</b>       |
| 41-1000   | Supervisors, Sales Workers   | 4,964          | 5,088          | 124           | 2.5%        | 62                    | 82                       | 144                |
| 41-1011   | First-Line Supervisors/Managers of Retail Sales Workers                                      | 3,769          | 3,859          | 90            | 2.4%        | 45                    | 62                       | 107                |
| 41-1012   | First-Line Supervisors/Managers of Non-Retail Sales Workers                                  | 1,195          | 1,229          | 34            | 2.8%        | 17                    | 21                       | 38                 |
| 41-2000   | Retail Sales Workers   | 20,846         | 21,504         | 658           | 3.2%        | 329                   | 1,052                    | 1,381              |
| 41-2011   | Cashiers   | 8,639          | 8,927          | 288           | 3.3%        | 144                   | 559                      | 703                |
| 41-2012   | Gaming Change Persons and Booth Cashiers   | 66             | 67             | 1             | 1.5%        | 1                     | 5                        | 6                  |
| 41-2021   | Counter and Rental Clerks  | 948            | 1,004          | 56            | 5.9%        | 28                    | 44                       | 72                 |
| 41-2022   | Parts Salespersons   | 597            | 607            | 10            | 1.7%        | 5                     | 18                       | 23                 |
| 41-2031   | Retail Salespersons  | 10,596         | 10,899         | 303           | 2.9%        | 152                   | 427                      | 579                |
| 41-3000   | Sales Representatives, Services  | 3,042          | 3,193          | 151           | 5.0%        | 76                    | 59                       | 135                |
| 41-3011   | Advertising Sales Agents   | 458            | 472            | 14            | 3.1%        | 7                     | 8                        | 15                 |
| 41-3021   | Insurance Sales Agents   | 980            | 1,036          | 56            | 5.7%        | 28                    | 23                       | 51                 |
| 41-3031   | Securities, Commodities, and Financial Services Sales Agents                                 | 565            | 602            | 37            | 6.5%        | 19                    | 6                        | 25                 |
| 41-3041   | Travel Agents  | 1,039          | 1,083          | 44            | 4.2%        | 22                    | 23                       | 45                 |
| 41-4000   | Sales Representatives, Wholesale and Manufacturing   | 2,845          | 2,950          | 105           | 3.7%        | 53                    | 74                       | 127                |
| 41-4011   | Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products        | 686            | 711            | 25            | 3.6%        | 13                    | 18                       | 31                 |
| 41-4012   | Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products | 2,159          | 2,239          | 80            | 3.7%        | 40                    | 56                       | 96                 |
| 41-9000   | Other Sales and Related Workers  | 4,140          | 4,245          | 105           | 2.5%        | 53                    | 77                       | 130                |
| 41-9011   | Demonstrators and Product Promoters  | 230            | 237            | 7             | 3.0%        | 4                     | 5                        | 9                  |
| 41-9021   | Real Estate Brokers  | 104            | 107            | 3             | 2.9%        | 2                     | 2                        | 4                  |
| 41-9022   | Real Estate Sales Agents   | 1,581          | 1,645          | 64            | 4.0%        | 32                    | 29                       | 61                 |
| 41-9031   | Sales Engineers  | 200            | 208            | 8             | 4.0%        | 4                     | 6                        | 10                 |
| 41-9041   | Telemarketers  | 1,271          | 1,269          | -2            | -0.2%       | -1                    | 20                       | 19                 |
| 41-9091   | Door-To-Door Sales Workers, News and Street Vendors, and Related Workers                     | 77             | 75             | -2            | -2.6%       | -1                    | 2                        | 1                  |
| 41-9099   | Sales and Related Workers, All Other   | 677            | 704            | 27            | 4.0%        | 14                    | 13                       | 27                 |
| 43-0000   | Office and Administrative Support Occupations  | 58,659         | 60,030         | 1,371         | 2.3%        | 686                   | 1,309                    | 1,995              |
| <b>43-1000</b>  | <b>Supervisors, Office and Administrative Support Workers</b>                                | <b>3,902</b>   | <b>3,995</b>   | <b>93</b>     | <b>2.4%</b> | <b>47</b>             | <b>76</b>                | <b>123</b>         |
| 43-1011   | First-Line Supervisors/Managers of Office and Administrative Support Workers                 | 3,902          | 3,995          | 93            | 2.4%        | 47                    | 76                       | 123                |

## 2003-2005 Tucson MSA Occupation Projections

| Standard Occupation Classification (SOC) <sup>1</sup> |   | Employment     |                | 2 Year Change |         | Average Annual Change |                          |                    |
|---|---|----------------|----------------|---------------|---------|-----------------------|--------------------------|--------------------|
| SOC Code  | SOC Title   | 2003 Estimated | 2005 Projected | Number        | Percent | Growth/Decline        | Separations <sup>2</sup> | Total <sup>3</sup> |
| 43-2000   | Communications Equipment Operators                            | 751            | 763            | 12            | 1.6%    | 6                     | 20                       | 26                 |
| 43-2011   | Switchboard Operators, Including Answering Service            | 712            | 727            | 15            | 2.1%    | 8                     | 19                       | 27                 |
| 43-2021   | Telephone Operators   | 25             | 22             | -3            | -12.0%  | -2                    | 1                        | -1                 |
| 43-2099   | Communications Equipment Operators, All Other                 | **             | **             | **            | 0.0%    | 0                     | 1                        | 1                  |
| 43-3000   | Financial Clerks  | 9,403          | 9,672          | 269           | 2.9%    | 135                   | 219                      | 354                |
| 43-3011   | Bill and Account Collectors                                   | 2,094          | 2,204          | 110           | 5.3%    | 55                    | 38                       | 93                 |
| 43-3021   | Billing and Posting Clerks and Machine Operators              | 869            | 902            | 33            | 3.8%    | 17                    | 14                       | 31                 |
| 43-3031   | Bookkeeping, Accounting, and Auditing Clerks                  | 4,396          | 4,445          | 49            | 1.1%    | 25                    | 78                       | 103                |
| 43-3041   | Gaming Cage Workers   | **             | **             | **            | 0.0%    | 0                     | 1                        | 1                  |
| 43-3051   | Payroll and Timekeeping Clerks                                | 587            | 596            | 9             | 1.5%    | 5                     | 15                       | 20                 |
| 43-3061   | Procurement Clerks  | 215            | 213            | -2            | -0.9%   | -1                    | 6                        | 5                  |
| 43-3071   | Tellers   | 1,236          | 1,306          | 70            | 5.7%    | 35                    | 70                       | 105                |
| 43-4000   | Information and Record Clerks                                 | 15,934         | 16,691         | 757           | 4.8%    | 379                   | 326                      | 705                |
| 43-4011   | Brokerage Clerks  | 139            | 142            | 3             | 2.2%    | 2                     | 2                        | 4                  |
| 43-4021   | Correspondence Clerks   | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 43-4031   | Court, Municipal, and License Clerks                          | 80             | 82             | 2             | 2.5%    | 1                     | 2                        | 3                  |
| 43-4041   | Credit Authorizers, Checkers, and Clerks                      | 229            | 231            | 2             | 0.9%    | 1                     | 4                        | 5                  |
| 43-4051   | Customer Service Representatives                              | 7,252          | 7,641          | 389           | 5.4%    | 195                   | 105                      | 300                |
| 43-4061   | Eligibility Interviewers, Government Programs                 | 49             | 47             | -2            | -4.1%   | -1                    | 1                        | 0                  |
| 43-4071   | File Clerks   | 660            | 663            | 3             | 0.5%    | 2                     | 20                       | 22                 |
| 43-4081   | Hotel, Motel, and Resort Desk Clerks                          | 651            | 697            | 46            | 7.1%    | 23                    | 33                       | 56                 |
| 43-4111   | Interviewers, Except Eligibility and Loan                     | 538            | 577            | 39            | 7.2%    | 20                    | 14                       | 34                 |
| 43-4121   | Library Assistants, Clerical                                  | 118            | 122            | 4             | 3.4%    | 2                     | 6                        | 8                  |
| 43-4131   | Loan Interviewers and Clerks                                  | 471            | 478            | 7             | 1.5%    | 4                     | 6                        | 10                 |
| 43-4141   | New Accounts Clerks   | 161            | 170            | 9             | 5.6%    | 5                     | 4                        | 9                  |
| 43-4151   | Order Clerks  | 611            | 617            | 6             | 1.0%    | 3                     | 14                       | 17                 |
| 43-4161   | Human Resources Assistants, Except Payroll and                | 500            | 519            | 19            | 3.8%    | 10                    | 11                       | 21                 |
| 43-4171   | Receptionists and Information Clerks                          | 3,457          | 3,667          | 210           | 6.1%    | 105                   | 89                       | 194                |
| 43-4181   | Reservation and Transportation Ticket Agents and Travel       | 236            | 252            | 16            | 6.8%    | 8                     | 7                        | 15                 |
| 43-4999   | Financial, Information, and Record Clerks, All Other (OES     | 776            | 780            | 4             | 0.5%    | 2                     | 11                       | 13                 |
| 43-5000   | Material Recording, Scheduling, Dispatching, and Distributing | 7,987          | 8,036          | 49            | 0.6%    | 25                    | 262                      | 287                |
| 43-5011   | Cargo and Freight Agents                                      | 72             | 72             | 0             | 0.0%    | 0                     | 2                        | 2                  |
| 43-5021   | Couriers and Messengers                                       | 293            | 295            | 2             | 0.7%    | 1                     | 7                        | 8                  |
| 43-5031   | Police, Fire, and Ambulance Dispatchers                       | 117            | 118            | 1             | 0.9%    | 1                     | 3                        | 4                  |
| 43-5032   | Dispatchers, Except Police, Fire, and Ambulance               | 548            | 556            | 8             | 1.5%    | 4                     | 12                       | 16                 |
| 43-5041   | Meter Readers, Utilities                                      | 160            | 158            | -2            | -1.3%   | -1                    | 5                        | 4                  |
| 43-5051   | Postal Service Clerks   | **             | **             | **            | 2.0%    | 2                     | 4                        | 6                  |
| 43-5052   | Postal Service Mail Carriers                                  | **             | **             | **            | 2.6%    | 11                    | 25                       | 36                 |

## 2003-2005 Tucson MSA Occupation Projections

| Standard Occupation Classification (SOC) <sup>1</sup> |  | Employment     |                | 2 Year Change |             | Average Annual Change |                          |                    |
|---|--|----------------|----------------|---------------|-------------|-----------------------|--------------------------|--------------------|
| SOC Code  | SOC Title  | 2003 Estimated | 2005 Projected | Number        | Percent     | Growth/Decline        | Separations <sup>2</sup> | Total <sup>3</sup> |
| 43-5053   | Postal Service Mail Sorters, Processors, and Processing Machine Operators                      | **             | **             | **            | 0.0%        | 0                     | 12                       | 12                 |
| 43-5061   | Production, Planning, and Expediting Clerks  | 690            | 707            | 17            | 2.5%        | 9                     | 16                       | 25                 |
| 43-5071   | Shipping, Receiving, and Traffic Clerks  | 1,676          | 1,684          | 8             | 0.5%        | 4                     | 34                       | 38                 |
| 43-5081   | Stock Clerks and Order Fillers   | 2,848          | 2,836          | -12           | -0.4%       | -6                    | 143                      | 137                |
| 43-5111   | Weighers, Measurers, Checkers, and Samplers,   | 104            | 106            | 2             | 1.9%        | 1                     | 3                        | 4                  |
| 43-5199   | Material Recording, Scheduling, Dispatching, and Distributing Workers, All Other (OES Only)    | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 43-6000   | Secretaries and Administrative Assistants  | 11,218         | 11,346         | 128           | 1.1%        | 64                    | 196                      | 260                |
| 43-6011   | Executive Secretaries and Administrative Assistants  | 5,213          | 5,284          | 71            | 1.4%        | 36                    | 91                       | 127                |
| 43-6012   | Legal Secretaries  | 628            | 649            | 21            | 3.3%        | 11                    | 11                       | 22                 |
| 43-6013   | Medical Secretaries  | 293            | 310            | 17            | 5.8%        | 9                     | 5                        | 14                 |
| 43-6014   | Secretaries, Except Legal, Medical, and Executive  | 5,084          | 5,103          | 19            | 0.4%        | 10                    | 89                       | 99                 |
| 43-9000   | Other Office and Administrative Support Workers  | 9,464          | 9,527          | 63            | 0.7%        | 32                    | 212                      | 244                |
| 43-9011   | Computer Operators   | 568            | 549            | -19           | -3.3%       | -10                   | 12                       | 3                  |
| 43-9021   | Data Entry Keyers  | 752            | 736            | -16           | -2.1%       | -8                    | 18                       | 10                 |
| 43-9022   | Word Processors and Typists  | 217            | 202            | -15           | -6.9%       | -8                    | 5                        | -3                 |
| 43-9031   | Desktop Publishers   | 62             | 65             | 3             | 4.8%        | 2                     | 2                        | 4                  |
| 43-9041   | Insurance Claims and Policy Processing Clerks  | 79             | 82             | 3             | 3.8%        | 2                     | 1                        | 3                  |
| 43-9051   | Mail Clerks and Mail Machine Operators, Except Postal  | 269            | 269            | 0             | 0.0%        | 0                     | 9                        | 9                  |
| 43-9061   | Office Clerks, General   | 6,265          | 6,397          | 132           | 2.1%        | 66                    | 139                      | 205                |
| 43-9071   | Office Machine Operators, Except Computer  | 360            | 354            | -6            | -1.7%       | -3                    | 10                       | 7                  |
| 43-9081   | Proofreaders and Copy Markers  | 230            | 222            | -8            | -3.5%       | -4                    | 5                        | 1                  |
| 43-9111   | Statistical Assistants   | 41             | 40             | -1            | -2.4%       | -1                    | 1                        | 1                  |
| 43-9999   | Secretaries, Administrative Assistants, and Other Office Support Workers, All Other (OES Only) | 621            | 611            | -10           | -1.6%       | -5                    | 13                       | 8                  |
| 45-0000   | Farming, Fishing, and Forestry Occupations   | 807            | 812            | 5             | 0.6%        | 3                     | 24                       | 27                 |
| <b>45-1000</b>  | <b>Supervisors, Farming, Fishing, and Forestry Workers</b>                                     | <b>96</b>      | <b>97</b>      | <b>1</b>      | <b>1.0%</b> | <b>1</b>              | <b>2</b>                 | <b>3</b>           |
| 45-1011   | First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers                      | 96             | 97             | 1             | 1.0%        | 1                     | 2                        | 3                  |
| 45-1012   | Farm Labor Contractors   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 45-2000   | Agricultural Workers   | 661            | 666            | 5             | 0.8%        | 3                     | 21                       | 24                 |
| 45-2011   | Agricultural Inspectors  | **             | **             | **            | 0.0%        | 0                     | 1                        | 1                  |
| 45-2021   | Animal Breeders  | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 45-2041   | Graders and Sorters, Agricultural Products   | 30             | 31             | 1             | 3.3%        | 1                     | 1                        | 2                  |
| 45-2091   | Agricultural Equipment Operators   | 38             | 39             | 1             | 2.6%        | 1                     | 1                        | 2                  |
| 45-2092   | Farmworkers and Laborers, Crop, Nursery, and Greenhouse  | 550            | 554            | 4             | 0.7%        | 2                     | 17                       | 19                 |
| 45-2093   | Farmworkers, Farm and Ranch Animals  | 28             | 27             | -1            | -3.6%       | -1                    | 1                        | 1                  |
| 45-3000   | Fishing and Hunting Workers  | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |

## 2003-2005 Tucson MSA Occupation Projections

| Standard Occupation Classification (SOC) <sup>1</sup> |   | Employment     |                | 2 Year Change |             | Average Annual Change |                          |                    |
|---|---|----------------|----------------|---------------|-------------|-----------------------|--------------------------|--------------------|
| SOC Code  | SOC Title   | 2003 Estimated | 2005 Projected | Number        | Percent     | Growth/Decline        | Separations <sup>2</sup> | Total <sup>3</sup> |
| 45-3011   | Fishers and Related Fishing Workers   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 45-3021   | Hunters and Trappers  | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 45-4000   | Forest, Conservation, and Logging Workers                                     | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 45-4011   | Forest and Conservation Workers   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 45-4021   | Fallers   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 45-4022   | Logging Equipment Operators   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 45-4023   | Log Graders and Scalers   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 45-9000   | Other Farming, Fishing, and Forestry Workers                                  | 47             | 46             | -1            | -2.1%       | -1                    | 1                        | 1                  |
| 45-9099   | Farming, Fishing, and Forestry Workers, All Other (OES Only)                  | 47             | 46             | -1            | -2.1%       | -1                    | 1                        | 1                  |
| 47-0000   | Construction and Extraction Occupations                                       | 26,870         | 27,838         | 968           | 3.6%        | 484                   | 521                      | 1,005              |
| <b>47-1000</b>  | <b>Supervisors, Construction and Extraction Workers</b>                       | <b>2,051</b>   | <b>2,139</b>   | <b>88</b>     | <b>4.3%</b> | <b>44</b>             | <b>30</b>                | <b>74</b>          |
| 47-1011   | First-Line Supervisors/Managers of Construction Trades and Extraction Workers | 2,051          | 2,139          | 88            | 4.3%        | 44                    | 30                       | 74                 |
| 47-2000   | Construction Trades Workers   | 21,152         | 21,968         | 816           | 3.9%        | 408                   | 365                      | 773                |
| 47-2011   | Boilermakers  | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 47-2021   | Brickmasons and Blockmasons   | 481            | 500            | 19            | 4.0%        | 10                    | 7                        | 17                 |
| 47-2022   | Stonemasons   | 411            | 428            | 17            | 4.1%        | 9                     | 6                        | 15                 |
| 47-2031   | Carpenters  | 4,320          | 4,462          | 142           | 3.3%        | 71                    | 64                       | 135                |
| 47-2041   | Carpet Installers   | 268            | 273            | 5             | 1.9%        | 3                     | 4                        | 7                  |
| 47-2042   | Floor Layers, Except Carpet, Wood, and Hard Tiles                             | 181            | 186            | 5             | 2.8%        | 3                     | 3                        | 6                  |
| 47-2043   | Floor Sanders and Finishers   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 47-2044   | Tile and Marble Setters   | 458            | 486            | 28            | 6.1%        | 14                    | 6                        | 20                 |
| 47-2051   | Cement Masons and Concrete Finishers  | 1,185          | 1,253          | 68            | 5.7%        | 34                    | 22                       | 56                 |
| 47-2053   | Terrazzo Workers and Finishers  | 317            | 329            | 12            | 3.8%        | 6                     | 6                        | 12                 |
| 47-2061   | Construction Laborers   | 2,681          | 2,782          | 101           | 3.8%        | 51                    | 34                       | 85                 |
| 47-2071   | Paving, Surfacing, and Tamping Equipment Operators                            | 207            | 216            | 9             | 4.3%        | 5                     | 3                        | 8                  |
| 47-2072   | Pile-Driver Operators   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 47-2073   | Operating Engineers and Other Construction Equipment                          | 1,065          | 1,102          | 37            | 3.5%        | 19                    | 27                       | 46                 |
| 47-2081   | Drywall and Ceiling Tile Installers   | 927            | 973            | 46            | 5.0%        | 23                    | 19                       | 42                 |
| 47-2082   | Tapers  | 427            | 449            | 22            | 5.2%        | 11                    | 9                        | 20                 |
| 47-2111   | Electricians  | 2,007          | 2,090          | 83            | 4.1%        | 42                    | 37                       | 79                 |
| 47-2121   | Glaziers  | 207            | 218            | 11            | 5.3%        | 6                     | 4                        | 10                 |
| 47-2130   | Insulation Workers  | 119            | 120            | 1             | 0.8%        | 1                     | 4                        | 5                  |
| 47-2141   | Painters, Construction and Maintenance  | 1,727          | 1,788          | 61            | 3.5%        | 31                    | 24                       | 55                 |
| 47-2142   | Paperhangers  | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 47-2151   | Pipelayers  | 151            | 157            | 6             | 4.0%        | 3                     | 4                        | 7                  |
| 47-2152   | Plumbers, Pipefitters, and Steamfitters                                       | 1,502          | 1,563          | 61            | 4.1%        | 31                    | 33                       | 64                 |
| 47-2161   | Plasterers and Stucco Masons  | 546            | 565            | 19            | 3.5%        | 10                    | 9                        | 19                 |
| 47-2171   | Reinforcing Iron and Rebar Workers  | **             | **             | **            | 6.8%        | 3                     | 2                        | 5                  |

## 2003-2005 Tucson MSA Occupation Projections

| 2003-2005 Tucson MSA Occupation Projections           |   |                |                |               |             |                       |                          |                    |
|---|---|----------------|----------------|---------------|-------------|-----------------------|--------------------------|--------------------|
| Standard Occupation Classification (SOC) <sup>1</sup> |   | Employment     |                | 2 Year Change |             | Average Annual Change |                          |                    |
| SOC Code  | SOC Title   | 2003 Estimated | 2005 Projected | Number        | Percent     | Growth/Decline        | Separations <sup>2</sup> | Total <sup>3</sup> |
| 47-2181   | Roofers   | 731            | 755            | 24            | 3.3%        | 12                    | 16                       | 28                 |
| 47-2211   | Sheet Metal Workers   | 1,080          | 1,111          | 31            | 2.9%        | 16                    | 26                       | 42                 |
| 47-2221   | Structural Iron and Steel Workers   | 75             | 78             | 3             | 4.0%        | 2                     | 2                        | 4                  |
| 47-3000   | Helpers, Construction Trades  | 2,482          | 2,557          | 75            | 3.0%        | 38                    | 103                      | 141                |
| 47-3011   | Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters | 232            | 236            | 4             | 1.7%        | 2                     | 10                       | 12                 |
| 47-3012   | Helpers--Carpenters   | 566            | 589            | 23            | 4.1%        | 12                    | 24                       | 36                 |
| 47-3013   | Helpers--Electricians   | 327            | 339            | 12            | 3.7%        | 6                     | 14                       | 20                 |
| 47-3014   | Helpers--Painters, Paperhangers, Plasterers, and Stucco                     | 156            | 163            | 7             | 4.5%        | 4                     | 7                        | 11                 |
| 47-3015   | Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters                | 781            | 803            | 22            | 2.8%        | 11                    | 32                       | 43                 |
| 47-3016   | Helpers--Roofers  | 153            | 160            | 7             | 4.6%        | 4                     | 7                        | 11                 |
| 47-3019   | Helpers, Construction Trades, All Other                                     | 267            | 267            | 0             | 0.0%        | 0                     | 11                       | 11                 |
| 47-4000   | Other Construction and Related Workers                                      | 575            | 591            | 16            | 2.8%        | 8                     | 12                       | 20                 |
| 47-4011   | Construction and Building Inspectors  | 302            | 311            | 9             | 3.0%        | 5                     | 6                        | 11                 |
| 47-4021   | Elevator Installers and Repairers   | 122            | 125            | 3             | 2.5%        | 2                     | 3                        | 5                  |
| 47-4031   | Fence Erectors  | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 47-4041   | Hazardous Materials Removal Workers   | **             | **             | **            | 5.9%        | 1                     | 1                        | 2                  |
| 47-4051   | Highway Maintenance Workers   | 97             | 98             | 1             | 1.0%        | 1                     | 2                        | 3                  |
| 47-4061   | Rail-Track Laying and Maintenance Equipment Operators                       | **             | **             | **            | 11.1%       | 1                     | 0                        | 1                  |
| 47-4071   | Septic Tank Servicers and Sewer Pipe Cleaners                               | 20             | 21             | 1             | 5.0%        | 1                     | 1                        | 2                  |
| 47-4900   | All Other Construction Trades and Related Workers                           | 319            | 323            | 4             | 1.3%        | 2                     | 5                        | 7                  |
| 47-4999   | Construction Trades and Related Workers, All Other (OES)                    | 319            | 323            | 4             | 1.3%        | 2                     | 5                        | 7                  |
| 47-5000   | Extraction Workers  | 291            | 260            | -31           | -10.7%      | -16                   | 8                        | -8                 |
| 47-5011   | Derrick Operators, Oil and Gas  | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 47-5012   | Rotary Drill Operators, Oil and Gas   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 47-5013   | Service Unit Operators, Oil, Gas, and Mining                                | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 47-5021   | Earth Drillers, Except Oil and Gas  | 54             | 50             | -4            | -7.4%       | -2                    | 1                        | -1                 |
| 47-5031   | Explosives Workers, Ordnance Handling Experts, and Blasters                 | **             | **             | **            | -7.7%       | -1                    | 1                        | 1                  |
| 47-5041   | Continuous Mining Machine Operators   | **             | **             | **            | -12.4%      | -11                   | 5                        | -6                 |
| 47-5042   | Mine Cutting and Channeling Machine Operators                               | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 47-5049   | Mining Machine Operators, All Other   | **             | **             | **            | -18.2%      | -1                    | 1                        | 0                  |
| 47-5051   | Rock Splitters, Quarry  | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 47-5061   | Roof Bolters, Mining  | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 47-5071   | Roustabouts, Oil and Gas  | **             | **             | **            | 12.5%       | 1                     | 0                        | 1                  |
| 47-5081   | Helpers--Extraction Workers   | 29             | 25             | -4            | -13.8%      | -2                    | 1                        | -1                 |
| 47-5099   | Extraction Workers, All Other   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 49-0000   | Installation, Maintenance, and Repair Occupations                           | 12,894         | 13,287         | 393           | 3.0%        | 197                   | 290                      | 487                |
| <b>49-1000</b>  | <b>Supervisors of Installation, Maintenance, and Repair</b>                 | <b>1,016</b>   | <b>1,046</b>   | <b>30</b>     | <b>3.0%</b> | <b>15</b>             | <b>23</b>                | <b>38</b>          |



## 2003-2005 Tucson MSA Occupation Projections

| Standard Occupation Classification (SOC) <sup>1</sup> |  | Employment     |                | 2 Year Change |         | Average Annual Change |                          |                    |
|---|--|----------------|----------------|---------------|---------|-----------------------|--------------------------|--------------------|
| SOC Code  | SOC Title  | 2003 Estimated | 2005 Projected | Number        | Percent | Growth/Decline        | Separations <sup>2</sup> | Total <sup>3</sup> |
| 49-1011   | First-Line Supervisors/Managers of Mechanics, Installers, and                                  | 1,016          | 1,046          | 30            | 3.0%    | 15                    | 23                       | 38                 |
| 49-2000   | Electrical and Electronic Equipment Mechanics, Installers, and                                 |                |                |               |         |                       |                          |                    |
|   | Repairers  | 1,388          | 1,416          | 28            | 2.0%    | 14                    | 23                       | 37                 |
| 49-2011   | Computer, Automated Teller, and Office Machine Repairers                                       | 391            | 397            | 6             | 1.5%    | 3                     | 4                        | 7                  |
| 49-2021   | Radio Mechanics  | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 49-2022   | Telecommunications Equipment Installers and Repairers, Except Line Installers                  | 486            | 495            | 9             | 1.9%    | 5                     | 9                        | 14                 |
| 49-2091   | Avionics Technicians   | 122            | 126            | 4             | 3.3%    | 2                     | 3                        | 5                  |
| 49-2092   | Electric Motor, Power Tool, and Related Repairers  | 29             | 29             | 0             | 0.0%    | 0                     | 1                        | 1                  |
| 49-2093   | Electrical and Electronics Installers and Repairers,   | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 49-2094   | Electrical and Electronics Repairers, Commercial and Industrial Equipment                      | 104            | 108            | 4             | 3.8%    | 2                     | 2                        | 4                  |
| 49-2095   | Electrical and Electronics Repairers, Powerhouse, Substation, and Relay                        | 43             | 44             | 1             | 2.3%    | 1                     | 1                        | 2                  |
| 49-2096   | Electronic Equipment Installers and Repairers, Motor Vehicles                                  | 74             | 75             | 1             | 1.4%    | 1                     | 2                        | 3                  |
| 49-2097   | Electronic Home Entertainment Equipment Installers and   | 76             | 77             | 1             | 1.3%    | 1                     | 2                        | 3                  |
| 49-2098   | Security and Fire Alarm Systems Installers   | 34             | 35             | 1             | 2.9%    | 1                     | 1                        | 2                  |
| 49-2099   | Electrical and Electronic Equipment Mechanics, Installers, and Repairers, All Other (OES Only) | **             | **             | **            | 6.7%    | 1                     | 1                        | 2                  |
| 49-3000   | Vehicle and Mobile Equipment Mechanics, Installers   | 4,960          | 5,111          | 151           | 3.0%    | 76                    | 130                      | 206                |
| 49-3011   | Aircraft Mechanics and Service Technicians   | 816            | 844            | 28            | 3.4%    | 14                    | 19                       | 33                 |
| 49-3021   | Automotive Body and Related Repairers  | 495            | 512            | 17            | 3.4%    | 9                     | 10                       | 19                 |
| 49-3022   | Automotive Glass Installers and Repairers  | 55             | 56             | 1             | 1.8%    | 1                     | 1                        | 2                  |
| 49-3023   | Automotive Service Technicians and Mechanics   | 2,321          | 2,401          | 80            | 3.4%    | 40                    | 60                       | 100                |
| 49-3031   | Bus and Truck Mechanics and Diesel Engine Specialists  | 415            | 428            | 13            | 3.1%    | 7                     | 11                       | 18                 |
| 49-3041   | Farm Equipment Mechanics   | **             | **             | **            | -50.0%  | -1                    | 0                        | -1                 |
| 49-3042   | Mobile Heavy Equipment Mechanics, Except Engines   | 272            | 268            | -4            | -1.5%   | -2                    | 6                        | 4                  |
| 49-3043   | Rail Car Repairers   | 29             | 31             | 2             | 6.9%    | 1                     | 1                        | 2                  |
| 49-3051   | Motorboat Mechanics  | 22             | 23             | 1             | 4.5%    | 1                     | 1                        | 2                  |
| 49-3052   | Motorcycle Mechanics   | 63             | 65             | 2             | 3.2%    | 1                     | 2                        | 3                  |
| 49-3053   | Outdoor Power Equipment and Other Small Engine Mechanics                                       | 47             | 48             | 1             | 2.1%    | 1                     | 1                        | 2                  |
| 49-3091   | Bicycle Repairers  | 56             | 57             | 1             | 1.8%    | 1                     | 3                        | 4                  |
| 49-3092   | Recreational Vehicle Service Technicians   | 54             | 56             | 2             | 3.7%    | 1                     | 3                        | 4                  |
| 49-3093   | Tire Repairers and Changers  | 313            | 321            | 8             | 2.6%    | 4                     | 16                       | 20                 |

## 2003-2005 Tucson MSA Occupation Projections

| Standard Occupation Classification (SOC) <sup>1</sup> |   | Employment     |                | 2 Year Change |             | Average Annual Change |                          |                    |
|---|---|----------------|----------------|---------------|-------------|-----------------------|--------------------------|--------------------|
| SOC Code  | SOC Title   | 2003 Estimated | 2005 Projected | Number        | Percent     | Growth/Decline        | Separations <sup>2</sup> | Total <sup>3</sup> |
| 49-3099   | Vehicle and Mobile Equipment Mechanics, Installers, and Repairers, All Other (OES Only) | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 49-9000   | Other Installation, Maintenance, and Repair Occupations                                 | 5,530          | 5,714          | 184           | 3.3%        | 92                    | 114                      | 206                |
| 49-9011   | Mechanical Door Repairers   | **             | **             | **            | 12.5%       | 1                     | 0                        | 1                  |
| 49-9012   | Control and Valve Installers and Repairers, Except Mechanical Door                      | 86             | 93             | 7             | 8.1%        | 4                     | 2                        | 6                  |
| 49-9021   | Heating, Air Conditioning, and Refrigeration Mechanics and                              | 536            | 572            | 36            | 6.7%        | 18                    | 6                        | 24                 |
| 49-9031   | Home Appliance Repairers  | 121            | 120            | -1            | -0.8%       | -1                    | 3                        | 3                  |
| 49-9041   | Industrial Machinery Mechanics  | 197            | 193            | -4            | -2.0%       | -2                    | 4                        | 2                  |
| 49-9042   | Maintenance and Repair Workers, General   | 2,510          | 2,621          | 111           | 4.4%        | 56                    | 45                       | 101                |
| 49-9043   | Maintenance Workers, Machinery  | 325            | 313            | -12           | -3.7%       | -6                    | 8                        | 2                  |
| 49-9044   | Millwrights   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 49-9045   | Refractory Materials Repairers, Except Brickmasons                                      | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 49-9051   | Electrical Power-Line Installers and Repairers  | 176            | 180            | 4             | 2.3%        | 2                     | 6                        | 8                  |
| 49-9052   | Telecommunications Line Installers and Repairers  | 108            | 111            | 3             | 2.8%        | 2                     | 3                        | 5                  |
| 49-9061   | Camera and Photographic Equipment Repairers   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 49-9062   | Medical Equipment Repairers   | 72             | 77             | 5             | 6.9%        | 3                     | 2                        | 5                  |
| 49-9063   | Musical Instrument Repairers and Tuners   | **             | **             | **            | 0.0%        | 0                     | 1                        | 1                  |
| 49-9064   | Watch Repairers   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 49-9069   | Precision Instrument and Equipment Repairers, All Other                                 | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 49-9091   | Coin, Vending, and Amusement Machine Servicers and                                      | 40             | 41             | 1             | 2.5%        | 1                     | 1                        | 2                  |
| 49-9092   | Commercial Divers   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 49-9093   | Fabric Menders, Except Garment  | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 49-9094   | Locksmiths and Safe Repairers   | 101            | 103            | 2             | 2.0%        | 1                     | 4                        | 5                  |
| 49-9095   | Manufactured Building and Mobile Home Installers  | 70             | 72             | 2             | 2.9%        | 1                     | 2                        | 3                  |
| 49-9096   | Riggers   | 95             | 99             | 4             | 4.2%        | 2                     | 2                        | 4                  |
| 49-9097   | Signal and Track Switch Repairers   | **             | **             | **            | 11.1%       | 1                     | 1                        | 2                  |
| 49-9098   | Helpers--Installation, Maintenance, and Repair Workers                                  | 366            | 380            | 14            | 3.8%        | 7                     | 14                       | 21                 |
| 49-9099   | Installation, Maintenance, and Repair Workers, All Other                                | 672            | 682            | 10            | 1.5%        | 5                     | 15                       | 20                 |
| 51-0000   | Production Occupations  | 15,100         | 15,163         | 63            | 0.4%        | 32                    | 355                      | 387                |
| <b>51-1000</b>  | <b>Supervisors, Production Workers</b>  | <b>1,188</b>   | <b>1,215</b>   | <b>27</b>     | <b>2.3%</b> | <b>14</b>             | <b>23</b>                | <b>37</b>          |
| 51-1011   | First-Line Supervisors/Managers of Production and Operating Workers                     | 1,188          | 1,215          | 27            | 2.3%        | 14                    | 23                       | 37                 |
| 51-2000   | Assemblers and Fabricators  | 3,447          | 3,396          | -51           | -1.5%       | -26                   | 86                       | 61                 |
| 51-2011   | Aircraft Structure, Surfaces, Rigging, and Systems Assemblers                           | 35             | 35             | 0             | 0.0%        | 0                     | 1                        | 1                  |
| 51-2021   | Coil Winders, Tapers, and Finishers   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 51-2022   | Electrical and Electronic Equipment Assemblers  | 405            | 389            | -16           | -4.0%       | -8                    | 9                        | 1                  |

## 2003-2005 Tucson MSA Occupation Projections

| 2003-2005 Tucson MSA Occupation Projections           |   |                |                |               |         |                       |                          |                    |
|---|---|----------------|----------------|---------------|---------|-----------------------|--------------------------|--------------------|
| Standard Occupation Classification (SOC) <sup>1</sup> |   | Employment     |                | 2 Year Change |         | Average Annual Change |                          |                    |
| SOC Code  | SOC Title   | 2003 Estimated | 2005 Projected | Number        | Percent | Growth/Decline        | Separations <sup>2</sup> | Total <sup>3</sup> |
| 51-2023   | Electromechanical Equipment Assemblers  | 150            | 146            | -4            | -2.7%   | -2                    | 4                        | 2                  |
| 51-2031   | Engine and Other Machine Assemblers   | 88             | 84             | -4            | -4.5%   | -2                    | 3                        | 1                  |
| 51-2041   | Structural Metal Fabricators and Fitters  | 121            | 121            | 0             | 0.0%    | 0                     | 3                        | 3                  |
| 51-2091   | Fiberglass Laminators and Fabricators   | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 51-2092   | Team Assemblers   | 2,462          | 2,436          | -26           | -1.1%   | -13                   | 63                       | 50                 |
| 51-2093   | Timing Device Assemblers, Adjusters, and Calibrators  | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 51-2099   | Assemblers and Fabricators, All Other   | 180            | 179            | -1            | -0.6%   | -1                    | 5                        | 5                  |
| 51-3000   | Food Processing Workers   | 1,051          | 1,073          | 22            | 2.1%    | 11                    | 25                       | 36                 |
| 51-3011   | Bakers  | 466            | 482            | 16            | 3.4%    | 8                     | 11                       | 19                 |
| 51-3021   | Butchers and Meat Cutters   | 337            | 336            | -1            | -0.3%   | -1                    | 8                        | 8                  |
| 51-3022   | Meat, Poultry, and Fish Cutters and Trimmers  | 60             | 62             | 2             | 3.3%    | 1                     | 2                        | 3                  |
| 51-3023   | Slaughterers and Meat Packers   | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 51-3091   | Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders                               | 28             | 29             | 1             | 3.6%    | 1                     | 1                        | 2                  |
| 51-3092   | Food Batchmakers  | 92             | 93             | 1             | 1.1%    | 1                     | 3                        | 4                  |
| 51-3093   | Food Cooking Machine Operators and Tenders  | 68             | 71             | 3             | 4.4%    | 2                     | 2                        | 4                  |
| 51-3099   | Food Processing Workers, All Other (OES Only)   | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 51-4000   | Metal Workers and Plastic Workers   | 2,623          | 2,631          | 8             | 0.3%    | 4                     | 59                       | 63                 |
| 51-4011   | Computer-Controlled Machine Tool Operators, Metal and Plastic   | 259            | 259            | 0             | 0.0%    | 0                     | 4                        | 4                  |
| 51-4012   | Numerical Tool and Process Control Programmers  | 95             | 96             | 1             | 1.1%    | 1                     | 2                        | 3                  |
| 51-4021   | Extruding and Drawing Machine Setters, Operators, and   | 138            | 139            | 1             | 0.7%    | 1                     | 5                        | 6                  |
| 51-4022   | Forging Machine Setters, Operators, and Tenders, Metal and Plastic  | 38             | 38             | 0             | 0.0%    | 0                     | 1                        | 1                  |
| 51-4023   | Rolling Machine Setters, Operators, and Tenders, Metal and  | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 51-4031   | Cutting, Punching, and Press Machine Setters, Operators, and  | 286            | 284            | -2            | -0.7%   | -1                    | 7                        | 6                  |
| 51-4032   | Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic                       | **             | **             | **            | 0.0%    | 0                     | 1                        | 1                  |
| 51-4033   | Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 75             | 76             | 1             | 1.3%    | 1                     | 2                        | 3                  |
| 51-4034   | Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic                         | 35             | 35             | 0             | 0.0%    | 0                     | 1                        | 1                  |
| 51-4035   | Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic                            | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 51-4041   | Machinists  | 541            | 543            | 2             | 0.4%    | 1                     | 12                       | 13                 |
| 51-4051   | Metal-Refining Furnace Operators and Tenders  | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 51-4052   | Pourers and Casters, Metal  | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 51-4061   | Model Makers, Metal and Plastic   | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 51-4062   | Patternmakers, Metal and Plastic  | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |

## 2003-2005 Tucson MSA Occupation Projections

| Standard Occupation Classification (SOC) <sup>1</sup> |   | Employment        |                   | 2 Year Change |         | Average Annual Change |                               |                    |
|---|---|-------------------|-------------------|---------------|---------|-----------------------|-------------------------------|--------------------|
| SOC Code  | SOC Title   | 2003<br>Estimated | 2005<br>Projected | Number        | Percent | Growth/<br>Decline    | Sepa-<br>rations <sup>2</sup> | Total <sup>3</sup> |
| 51-4071   | Foundry Mold and Coremakers   | **                | **                | **            | 0.0%    | 0                     | 0                             | 0                  |
| 51-4072   | Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic | 127               | 126               | -1            | -0.8%   | -1                    | 3                             | 3                  |
| 51-4081   | Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic                    | 98                | 98                | 0             | 0.0%    | 0                     | 3                             | 3                  |
| 51-4111   | Tool and Die Makers   | 126               | 125               | -1            | -0.8%   | -1                    | 3                             | 3                  |
| 51-4121   | Welders, Cutters, Solderers, and Brazers  | 618               | 626               | 8             | 1.3%    | 4                     | 17                            | 21                 |
| 51-4122   | Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders                     | **                | **                | **            | 0.0%    | 0                     | 0                             | 0                  |
| 51-4191   | Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic                  | **                | **                | **            | 0.0%    | 0                     | 0                             | 0                  |
| 51-4192   | Lay-Out Workers, Metal and Plastic  | **                | **                | **            | 0.0%    | 0                     | 0                             | 0                  |
| 51-4193   | Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic              | 80                | 79                | -1            | -1.3%   | -1                    | 2                             | 2                  |
| 51-4194   | Tool Grinders, Filers, and Sharpeners   | 22                | 22                | 0             | 0.0%    | 0                     | 1                             | 1                  |
| 51-4199   | Metal Workers and Plastic Workers, All Other  | 25                | 25                | 0             | 0.0%    | 0                     | 1                             | 1                  |
| 51-5000   | Printing Workers  | 765               | 762               | -3            | -0.4%   | -2                    | 18                            | 17                 |
| 51-5011   | Bindery Workers   | 70                | 68                | -2            | -2.9%   | -1                    | 2                             | 1                  |
| 51-5012   | Bookbinders   | **                | **                | **            | 0.0%    | 0                     | 0                             | 0                  |
| 51-5021   | Job Printers  | 290               | 287               | -3            | -1.0%   | -2                    | 7                             | 6                  |
| 51-5022   | Prepress Technicians and Workers  | 108               | 106               | -2            | -1.9%   | -1                    | 3                             | 2                  |
| 51-5023   | Printing Machine Operators  | 288               | 292               | 4             | 1.4%    | 2                     | 7                             | 9                  |
| 51-5099   | Printing Workers, All Other (OES Only)  | **                | **                | **            | 0.0%    | 0                     | 0                             | 0                  |
| 51-6000   | Textile, Apparel, and Furnishings Workers   | 1,189             | 1,230             | 41            | 3.4%    | 21                    | 28                            | 49                 |
| 51-6011   | Laundry and Dry-Cleaning Workers  | 581               | 611               | 30            | 5.2%    | 15                    | 17                            | 32                 |
| 51-6021   | Pressers, Textile, Garment, and Related Materials   | 118               | 124               | 6             | 5.1%    | 3                     | 2                             | 5                  |
| 51-6031   | Sewing Machine Operators  | 211               | 215               | 4             | 1.9%    | 2                     | 3                             | 5                  |
| 51-6041   | Shoe and Leather Workers and Repairers  | 57                | 57                | 0             | 0.0%    | 0                     | 2                             | 2                  |
| 51-6042   | Shoe Machine Operators and Tenders  | **                | **                | **            | 0.0%    | 0                     | 0                             | 0                  |
| 51-6051   | Sewers, Hand  | **                | **                | **            | 0.0%    | 0                     | 0                             | 0                  |
| 51-6052   | Tailors, Dressmakers, and Custom Sewers   | 99                | 100               | 1             | 1.0%    | 1                     | 2                             | 3                  |
| 51-6061   | Textile Bleaching and Dyeing Machine Operators and Tenders                                  | **                | **                | **            | 0.0%    | 0                     | 0                             | 0                  |
| 51-6062   | Textile Cutting Machine Setters, Operators, and Tenders                                     | **                | **                | **            | 0.0%    | 0                     | 0                             | 0                  |
| 51-6063   | Textile Knitting and Weaving Machine Setters, Operators, and                                | 26                | 24                | -2            | -7.7%   | -1                    | 1                             | 0                  |
| 51-6064   | Textile Winding, Twisting, and Drawing Out Machine Setters,                                 | **                | **                | **            | 0.0%    | 0                     | 0                             | 0                  |
| 51-6091   | Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers   | **                | **                | **            | 0.0%    | 0                     | 0                             | 0                  |

## 2003-2005 Tucson MSA Occupation Projections

| Standard Occupation Classification (SOC) <sup>1</sup> |   | Employment     |                | 2 Year Change |         | Average Annual Change |                          |                    |
|---|---|----------------|----------------|---------------|---------|-----------------------|--------------------------|--------------------|
| SOC Code  | SOC Title   | 2003 Estimated | 2005 Projected | Number        | Percent | Growth/Decline        | Separations <sup>2</sup> | Total <sup>3</sup> |
| 51-6092   | Fabric and Apparel Patternmakers  | **             | **             | **            | 0.0%    | 0                     | 1                        | 1                  |
| 51-6093   | Upholsterers  | 46             | 45             | -1            | -2.2%   | -1                    | 1                        | 1                  |
| 51-6099   | Textile, Apparel, and Furnishings Workers, All Other  | 33             | 36             | 3             | 9.1%    | 2                     | 1                        | 3                  |
| 51-7000   | Woodworkers   | 632            | 625            | -7            | -1.1%   | -4                    | 17                       | 14                 |
| 51-7011   | Cabinetmakers and Bench Carpenters  | 181            | 180            | -1            | -0.6%   | -1                    | 5                        | 5                  |
| 51-7021   | Furniture Finishers   | 104            | 105            | 1             | 1.0%    | 1                     | 2                        | 3                  |
| 51-7031   | Model Makers, Wood  | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 51-7032   | Patternmakers, Wood   | **             | **             | **            | 0.0%    | 0                     | 1                        | 1                  |
| 51-7041   | Sawing Machine Setters, Operators, and Tenders, Wood  | 57             | 56             | -1            | -1.8%   | -1                    | 2                        | 2                  |
| 51-7042   | Woodworking Machine Setters, Operators, and Tenders,  | 251            | 246            | -5            | -2.0%   | -3                    | 7                        | 5                  |
| 51-7099   | Woodworkers, All Other  | 26             | 25             | -1            | -3.8%   | -1                    | 1                        | 1                  |
| 51-8000   | Plant and System Operators  | 467            | 479            | 12            | 2.6%    | 6                     | 12                       | 18                 |
| 51-8012   | Power Distributors and Dispatchers  | 35             | 37             | 2             | 5.7%    | 1                     | 1                        | 2                  |
| 51-8013   | Power Plant Operators   | 62             | 63             | 1             | 1.6%    | 1                     | 2                        | 3                  |
| 51-8021   | Stationary Engineers and Boiler Operators   | 139            | 140            | 1             | 0.7%    | 1                     | 2                        | 3                  |
| 51-8031   | Water and Liquid Waste Treatment Plant and System Operators   | 167            | 173            | 6             | 3.6%    | 3                     | 6                        | 9                  |
| 51-8091   | Chemical Plant and System Operators   | 22             | 21             | -1            | -4.5%   | -1                    | 1                        | 1                  |
| 51-8092   | Gas Plant Operators   | **             | **             | **            | 12.5%   | 1                     | 0                        | 1                  |
| 51-8093   | Petroleum Pump System Operators, Refinery Operators, and Gaugers                                    | 27             | 29             | 2             | 7.4%    | 1                     | 1                        | 2                  |
| 51-8099   | Plant and System Operators, All Other   | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 51-9000   | Other Production Occupations  | 3,738          | 3,752          | 14            | 0.4%    | 7                     | 89                       | 96                 |
| 51-9011   | Chemical Equipment Operators and Tenders  | **             | **             | **            | 0.0%    | 0                     | 1                        | 1                  |
| 51-9012   | Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders | 227            | 200            | -27           | -11.9%  | -14                   | 7                        | -7                 |
| 51-9021   | Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders                           | 48             | 46             | -2            | -4.2%   | -1                    | 1                        | 0                  |
| 51-9022   | Grinding and Polishing Workers, Hand  | 178            | 184            | 6             | 3.4%    | 3                     | 5                        | 8                  |
| 51-9023   | Mixing and Blending Machine Setters, Operators, and Tenders   | 88             | 88             | 0             | 0.0%    | 0                     | 2                        | 2                  |
| 51-9031   | Cutters and Trimmers, Hand  | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 51-9032   | Cutting and Slicing Machine Setters, Operators, and Tenders   | 35             | 36             | 1             | 2.9%    | 1                     | 1                        | 2                  |
| 51-9041   | Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders                | 62             | 62             | 0             | 0.0%    | 0                     | 2                        | 2                  |
| 51-9051   | Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders  | **             | **             | **            | 0.0%    | 0                     | 1                        | 1                  |



## 2003-2005 Tucson MSA Occupation Projections

| Standard Occupation Classification (SOC) <sup>1</sup> |  | Employment     |                | 2 Year Change |             | Average Annual Change |                          |                    |
|---|--|----------------|----------------|---------------|-------------|-----------------------|--------------------------|--------------------|
| SOC Code  | SOC Title  | 2003 Estimated | 2005 Projected | Number        | Percent     | Growth/Decline        | Separations <sup>2</sup> | Total <sup>3</sup> |
| 51-9061   | Inspectors, Testers, Sorters, Samplers, and Weighers                                   | 1,212          | 1,235          | 23            | 1.9%        | 12                    | 27                       | 39                 |
| 51-9071   | Jewelers and Precious Stone and Metal Workers  | 35             | 36             | 1             | 2.9%        | 1                     | 1                        | 2                  |
| 51-9081   | Dental Laboratory Technicians  | 190            | 188            | -2            | -1.1%       | -1                    | 4                        | 3                  |
| 51-9082   | Medical Appliance Technicians  | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 51-9083   | Ophthalmic Laboratory Technicians  | 93             | 95             | 2             | 2.2%        | 1                     | 2                        | 3                  |
| 51-9111   | Packaging and Filling Machine Operators and Tenders                                    | 128            | 129            | 1             | 0.8%        | 1                     | 3                        | 4                  |
| 51-9121   | Coating, Painting, and Spraying Machine Setters, Operators, and Tenders                | 70             | 70             | 0             | 0.0%        | 0                     | 2                        | 2                  |
| 51-9122   | Painters, Transportation Equipment   | 83             | 87             | 4             | 4.8%        | 2                     | 2                        | 4                  |
| 51-9123   | Painting, Coating, and Decorating Workers  | 58             | 59             | 1             | 1.7%        | 1                     | 2                        | 3                  |
| 51-9131   | Photographic Process Workers   | 60             | 60             | 0             | 0.0%        | 0                     | 2                        | 2                  |
| 51-9132   | Photographic Processing Machine Operators  | 185            | 190            | 5             | 2.7%        | 3                     | 5                        | 8                  |
| 51-9141   | Semiconductor Processors   | **             | **             | **            | 0.0%        | 0                     | 3                        | 3                  |
| 51-9191   | Cementing and Gluing Machine Operators and Tenders                                     | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 51-9192   | Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders                  | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 51-9193   | Cooling and Freezing Equipment Operators and Tenders                                   | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 51-9194   | Etchers and Engravers  | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 51-9195   | Molders, Shapers, and Casters, Except Metal and Plastic                                | 111            | 113            | 2             | 1.8%        | 1                     | 3                        | 4                  |
| 51-9196   | Paper Goods Machine Setters, Operators, and Tenders                                    | 27             | 28             | 1             | 3.7%        | 1                     | 1                        | 2                  |
| 51-9198   | Helpers--Production Workers  | 466            | 461            | -5            | -1.1%       | -3                    | 14                       | 12                 |
| 51-9199   | Production Workers, All Other  | 227            | 230            | 3             | 1.3%        | 2                     | 6                        | 8                  |
| 53-0000   | Transportation and Material Moving Occupations   | 16,216         | 16,597         | 381           | 2.3%        | 191                   | 356                      | 547                |
| 53-1000   | Supervisors, Transportation and Material Moving Workers                                | 644            | 663            | 19            | 3.0%        | 10                    | 15                       | 25                 |
| 53-1011   | Aircraft Cargo Handling Supervisors  | **             | **             | **            | 7.1%        | 1                     | 1                        | 2                  |
| <b>53-1021</b>  | <b>First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand</b> | <b>227</b>     | <b>233</b>     | <b>6</b>      | <b>2.6%</b> | <b>3</b>              | <b>5</b>                 | <b>8</b>           |
| 53-1031   | First-Line Supervisors/Managers of Transportation and                                  | 403            | 415            | 12            | 3.0%        | 6                     | 9                        | 15                 |
| 53-2000   | Air Transportation Workers   | 141            | 147            | 6             | 4.3%        | 3                     | 4                        | 7                  |
| 53-2011   | Airline Pilots, Copilots, and Flight Engineers   | **             | **             | **            | 14.3%       | 1                     | 1                        | 2                  |
| 53-2012   | Commercial Pilots  | 56             | 58             | 2             | 3.6%        | 1                     | 2                        | 3                  |
| 53-2021   | Air Traffic Controllers  | 70             | 72             | 2             | 2.9%        | 1                     | 2                        | 3                  |
| 53-2022   | Airfield Operations Specialists  | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 53-2099   | Air Transportation Workers, All Other (OES Only)                                       | **             | **             | **            | 0.0%        | 0                     | 0                        | 0                  |
| 53-3000   | Motor Vehicle Operators  | 7,821          | 8,069          | 248           | 3.2%        | 124                   | 109                      | 233                |
| 53-3011   | Ambulance Drivers and Attendants, Except Emergency Medical Technicians                 | **             | **             | **            | 12.5%       | 1                     | 0                        | 1                  |

## 2003-2005 Tucson MSA Occupation Projections

| Standard Occupation Classification (SOC) <sup>1</sup> |  | Employment     |                | 2 Year Change |         | Average Annual Change |                          |                    |
|---|--|----------------|----------------|---------------|---------|-----------------------|--------------------------|--------------------|
| SOC Code  | SOC Title  | 2003 Estimated | 2005 Projected | Number        | Percent | Growth/Decline        | Separations <sup>2</sup> | Total <sup>3</sup> |
| 53-3021   | Bus Drivers, Transit and Intercity                     | 1,061          | 1,092          | 31            | 2.9%    | 16                    | 22                       | 38                 |
| 53-3022   | Bus Drivers, School                                    | 781            | 797            | 16            | 2.0%    | 8                     | 16                       | 24                 |
| 53-3031   | Driver/Sales Workers                                   | 1,354          | 1,388          | 34            | 2.5%    | 17                    | 20                       | 37                 |
| 53-3032   | Truck Drivers, Heavy and Tractor-Trailer               | 1,965          | 2,031          | 66            | 3.4%    | 33                    | 30                       | 63                 |
| 53-3033   | Truck Drivers, Light or Delivery Services              | 2,198          | 2,279          | 81            | 3.7%    | 41                    | 18                       | 59                 |
| 53-3041   | Taxi Drivers and Chauffeurs                            | 341            | 354            | 13            | 3.8%    | 7                     | 3                        | 10                 |
| 53-3099   | Motor Vehicle Operators, All Other                     | 113            | 119            | 6             | 5.3%    | 3                     | 2                        | 5                  |
| 53-4000   | Rail Transportation Workers                            | 106            | 107            | 1             | 0.9%    | 1                     | 2                        | 3                  |
| 53-4011   | Locomotive Engineers                                   | 34             | 34             | 0             | 0.0%    | 0                     | 1                        | 1                  |
| 53-4012   | Locomotive Firers                                      | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 53-4013   | Rail Yard Engineers, Dinkey Operators, and Hostlers    | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 53-4021   | Railroad Brake, Signal, and Switch Operators           | **             | **             | **            | -5.3%   | -1                    | 0                        | -1                 |
| 53-4031   | Railroad Conductors and Yardmasters                    | 41             | 43             | 2             | 4.9%    | 1                     | 1                        | 2                  |
| 53-4041   | Subway and Streetcar Operators                         | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 53-4099   | Rail Transportation Workers, All Other                 | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 53-5000   | Water Transportation Workers                           | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 53-5011   | Sailors and Marine Oilers                              | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 53-5021   | Captains, Mates, and Pilots of Water Vessels           | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 53-5022   | Motorboat Operators                                    | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 53-5031   | Ship Engineers   | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 53-5099   | Water Transportation Workers, All Other (OES Only)     | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 53-6000   | Other Transportation Workers                           | 435            | 446            | 11            | 2.5%    | 6                     | 16                       | 22                 |
| 53-6011   | Bridge and Lock Tenders                                | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 53-6021   | Parking Lot Attendants                                 | 205            | 212            | 7             | 3.4%    | 4                     | 7                        | 11                 |
| 53-6031   | Service Station Attendants                             | 122            | 123            | 1             | 0.8%    | 1                     | 7                        | 8                  |
| 53-6041   | Traffic Technicians                                    | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 53-6051   | Transportation Inspectors                              | 24             | 24             | 0             | 0.0%    | 0                     | 1                        | 1                  |
| 53-6099   | Transportation Workers, All Other                      | 73             | 76             | 3             | 4.1%    | 2                     | 3                        | 5                  |
| 53-7000   | Material Moving Workers                                | 7,057          | 7,153          | 96            | 1.4%    | 48                    | 212                      | 260                |
| 53-7011   | Conveyor Operators and Tenders                         | **             | **             | **            | -10.7%  | -2                    | 1                        | -1                 |
| 53-7021   | Crane and Tower Operators                              | 85             | 89             | 4             | 4.7%    | 2                     | 2                        | 4                  |
| 53-7031   | Dredge Operators                                       | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 53-7032   | Excavating and Loading Machine and Dragline Operators  | 57             | 54             | -3            | -5.3%   | -2                    | 2                        | 1                  |
| 53-7033   | Loading Machine Operators, Underground Mining          | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 53-7041   | Hoist and Winch Operators                              | **             | **             | **            | 0.0%    | 0                     | 0                        | 0                  |
| 53-7051   | Industrial Truck and Tractor Operators                 | 669            | 682            | 13            | 1.9%    | 7                     | 12                       | 19                 |
| 53-7061   | Cleaners of Vehicles and Equipment                     | 1,107          | 1,142          | 35            | 3.2%    | 18                    | 43                       | 61                 |
| 53-7062   | Laborers and Freight, Stock, and Material Movers, Hand | 2,892          | 2,905          | 13            | 0.4%    | 7                     | 109                      | 116                |
| 53-7063   | Machine Feeders and Offbearers                         | 54             | 52             | -2            | -3.7%   | -1                    | 2                        | 1                  |

## 2003-2005 Tucson MSA Occupation Projections

| Standard Occupation Classification (SOC) <sup>1</sup> |  | Employment                |                           | 2 Year Change |                | Average Annual Change      |                                      |                          |
|---|--|---------------------------|---------------------------|---------------|----------------|----------------------------|--------------------------------------|--------------------------|
| <b>SOC Code</b>                                       | <b>SOC Title</b>                                 | <b>2003<br/>Estimated</b> | <b>2005<br/>Projected</b> | <b>Number</b> | <b>Percent</b> | <b>Growth/<br/>Decline</b> | <b>Sepa-<br/>rations<sup>2</sup></b> | <b>Total<sup>3</sup></b> |
| 53-7064   | Packers and Packagers, Hand                      | 1,837                     | 1,875                     | 38            | 2.1%           | 19                         | 35                                   | 54                       |
| 53-7071   | Gas Compressor and Gas Pumping Station Operators | **                        | **                        | **            | 0.0%           | 0                          | 0                                    | 0                        |
| 53-7072   | Pump Operators, Except Wellhead Pumps            | **                        | **                        | **            | 6.3%           | 1                          | 1                                    | 2                        |
| 53-7073   | Wellhead Pumps                                   | **                        | **                        | **            | 0.0%           | 0                          | 0                                    | 0                        |
| 53-7081   | Refuse and Recyclable Material Collectors        | 207                       | 207                       | 0             | 0.0%           | 0                          | 5                                    | 5                        |
| 53-7111   | Shuttle Car Operators                            | **                        | **                        | **            | 0.0%           | 0                          | 0                                    | 0                        |
| 53-7111   | Shuttle Car Operators                            | **                        | **                        | **            | 20.0%          | **                         | **                                   | 0                        |
| 53-7121   | Tank Car, Truck, and Ship Loaders                | **                        | **                        | **            | 0.0%           | 0                          | 0                                    | 3                        |
| 53-7121   | Tank Car, Truck, and Ship Loaders                | 111                       | 113                       | 2             | 1.8%           | 1                          | 3                                    | **                       |
| 53-7199   | Material Moving Workers, All Other               | 93                        | 93                        | 0             | 0.0%           | 0                          | 3                                    | 4                        |
| 53-7199   | Material Moving Workers, All Other               | 163                       | 166                       | 3             | 1.8%           | 2                          | 5                                    | 7                        |

<sup>1</sup>For more information on the Standard Occupational Classification (SOC) system, go to: [www.bls.gov/soc/socguide.htm](http://www.bls.gov/soc/socguide.htm)  
[For Occupational Dictionary click here](#)

<sup>2</sup>Separations are vacancies caused by workers leaving the labor market or changing occupations. Thus an occupation that is not growing or is in decline could still have openings due to separations.

<sup>3</sup>Total annual change is the sum from growth or decline plus separations.

\*\*Data suppressed due to confidentiality or base employment of 20 or less.

Prepared by Arizona Dept of Economic Security, Research Administration in cooperation with the U.S. Dept of Labor, Bureau of Labor Statistics.

Headings in **bold** font are the major occupational groups of the Standard Occupational Classification (SOC) system.  
Major occupational groups of the SOC are a composite of all individual occupations listed below the major group heading.  
Occupation codes ending in 000 (e.g. 11-1000, 11-2000, 11-3000, etc) are a summation of all the occupations listed below them.

Totals may not add exactly due to rounding or suppression of data.

*The projections presented should be viewed as indicators of relative magnitude and probable direction rather than as forecasts of absolute occupational demand.*  
Furthermore, the occupational forecasts are only measures of expected employment and demand for labor and indicate little about future labor supply.  
It is therefore recommended that these data be used with other sources of occupational information.

See Notes worksheet for additional information.

For more information on occupational projections, visit: <http://stats.bls.gov/emp/optd/home.htm>